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# PROJECTIONS AND PLANNING INFORMATION



## Ventura

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(Ventura County)

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# **PROJECTIONS AND PLANNING INFORMATION**

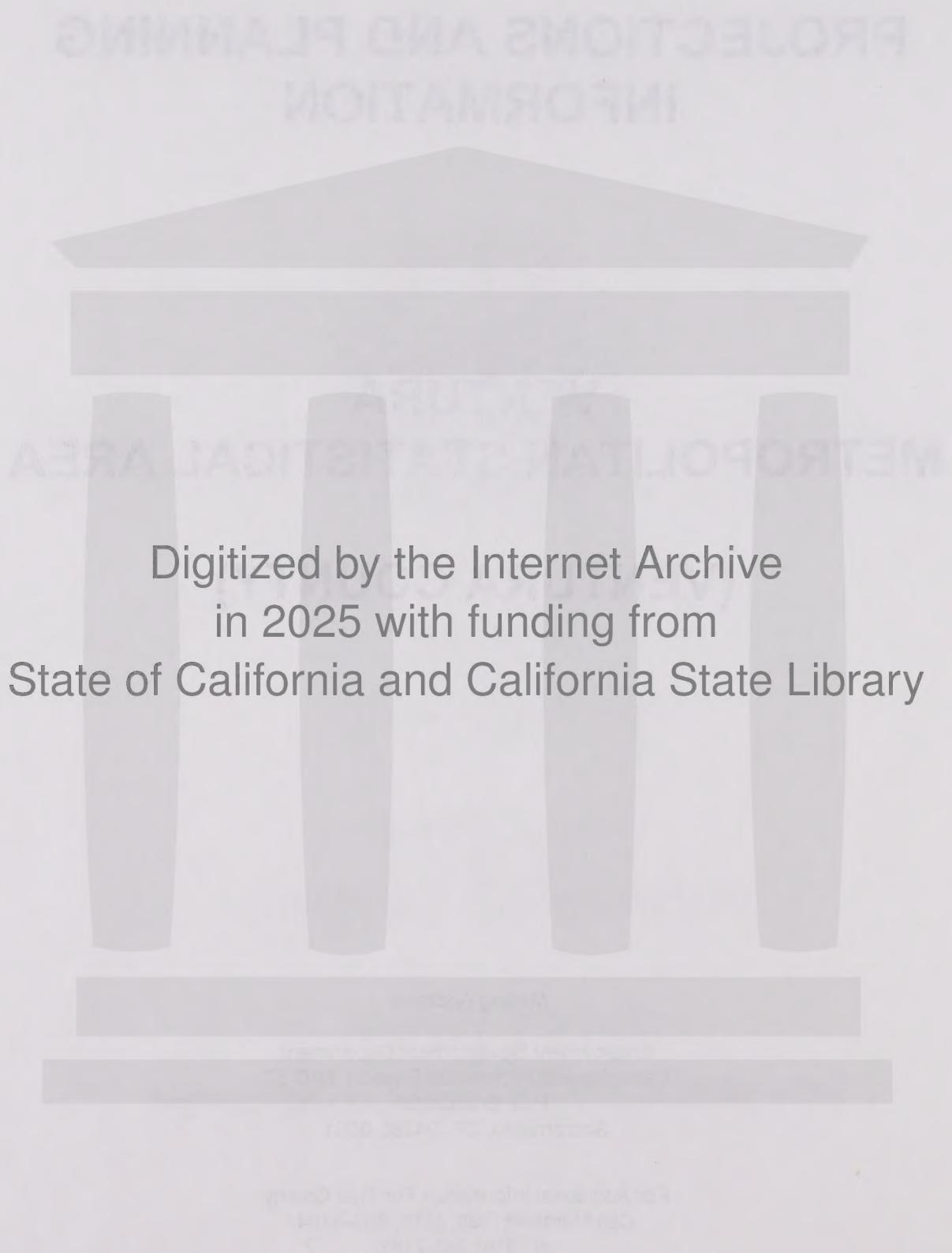
## **VENTURA METROPOLITAN STATISTICAL AREA (VENTURA COUNTY)**

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or (916) 262-2162

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Serving the People of California



## **LABOR MARKET INFORMATION DIVISION**

### **MISSION**

WE PROMOTE CALIFORNIA'S ECONOMIC HEALTH BY PROVIDING INFORMATION TO HELP PEOPLE UNDERSTAND CALIFORNIA'S ECONOMY AND MAKE INFORMED LABOR MARKET CHOICES.

### **VISION**

WE ARE THE LABOR MARKET INFORMATION SOURCE FOR CALIFORNIA AND A NATIONAL LEADER IN LABOR MARKET INFORMATION. WE ARE AN INNOVATIVE, CREATIVE AND EXPERT CONSULTING ORGANIZATION; AN ECONOMIC DEVELOPMENT AND RESEARCH PARTNER; AND A PRESTIGIOUS AND HIGHLY CREDIBLE ORGANIZATION.



# *Projections & Planning Information*

## **Module A:** **Introduction**

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# Note to Readers

The Employment Development Department's Labor Market Information Division (LMID) regularly collects, analyzes, and publishes information about California's labor market, which consists of approximately 15 million workers and 1 million employers. In addition to employment and unemployment data, LMID provides economic planning information, industry and occupational information, social and demographic information, and a variety of other statistics.

LMID produces the Projection and Planning Information publication (PPI) for 57 counties and the State. Each module within the PPI is designed to present data in a clear and usable form. The variety and number of reports within each module are intended to answer the most frequently asked questions. These modules are updated as new information becomes available and are delivered to customers for inclusion in a three-ring binder.

**Customers may choose some or all of the following modules:**

**Module A:** *Introduction Information about the featured county and population tables providing data for the past and present. Additional resources for exploring various occupations.*

- Area Profile
- Area Map
- County/City Population
- Population Estimates for California and Counties
- O\*NET The Occupational Network
- Standard Occupational Classification (SOC)
- EDD and Related Websites

**Module B:** *Labor Force Current and historical labor force, employment, unemployment and unemployment rates.*

- State Map of Current Annual Average Rates by County
- Annual Average Unemployment Rates
- Monthly and Annual Average Data

**Module C:** *Wage and Salary Employment Current and historical wage and salary employment data.*

- Annual Average Data
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**Module D: Projections** *Information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends.*

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- Occupations with the Greatest Absolute Job Growth (Growth plus Separations)
- Occupations with the Fastest Job Growth
- Occupational Employment Projections
- Occupations with Most Openings
- Occupations with Projected Declines
- Alphabetical Index of Occupations
- Description of Standard Industrial Classification (SIC) and North American Industry Classification (NAICS)
- Methods and Economic Assumptions

**Module E: Occupational Wages** *Occupational Employment Statistics (OES) Wage Survey results and explanation of methodology.*

- Occupational Wages for Selected Counties

**Module F: Social and Economic Data** *Tables from the U.S. Department of Commerce, the Census Bureau, and various State agencies.*

- Public Assistance Recipients by Program
- Public Assistance Recipients by Program (CalWORKs), Characteristics of Recipients
- Occupations with the Greatest Absolute Job Growth
- Lower Living Standard Income Levels and Poverty Guidelines
- Planning Information for Local Workforce Investment Areas
- Profile of General Demographic Characteristics
- Explanation of Terms and Concepts
- Nondiscrimination Information

# Ventura County

The Oxnard-Ventura Metropolitan Statistical Area (MSA) comprises all of Ventura County's 1,864 square miles. Ventura's topography encompasses everything from red sandstone bluffs to ocean lagoons and craggy mountains. The county's elevation ranges from sea level to 8,831 feet at Mount Pinos in Los Padres National Forest. It is bordered on the north by Kern County, on the west by Santa Barbara County, and on the south and east by Los Angeles County. The Pacific Ocean also provides part of the county's southwestern border, stretching along 43 miles of coastline.

There are hundreds of miles of national and state parks and forests in Ventura County. The Los Padres National Forest makes up most of the northern half of the county; two major lakes, Lake Casitas and Lake Piru, also lie within the county's boundaries. Mountain ranges created fertile valleys and broad alluvial basins, primarily in the southern part of Ventura. The high soil fertility and good drainage of the basins has helped the county become a leading agricultural producer.

The county's two military bases (Point Magu and Port Hueneme) are among the largest employers in the county, in addition to tourism, agriculture, pharmaceuticals, software, retail, and real estate.

The 2000 Census data records Ventura County's population at 753,200, an increase over 1990 Census data of 84,200, or almost 13 percent. Within the county, Oxnard is the largest city with a population of 170,400. From 1990 to 2000, the city experienced growth of almost 20 percent. Other cities with populations over 100,000 include Thousand Oaks (117,000), Simi Valley (111,400), and Ventura (101,000). The county's total population is projected to surpass 1 million residents by the year 2020, indicating growth of almost 34 percent.

**Ventura County**  
**(Ventura Metropolitan Statistical Area)**

**Population of the County and Selected Cities**  
**1980, 1990, 2000, and 2001**

Political Subdivisions	1980 (a)	1990 (b)	2000 (c)	2001 (d)	Percent Change	
					1990 to 2000	2000 to 2001
<b>Total</b>	<b>529,174</b>	<b>669,016</b>	<b>753,197</b>	<b>773,500</b>	<b>12.6%</b>	<b>2.7%</b>
Camarillo	37,797	52,303	57,077	58,800	9.1%	3.0%
Fillmore	9,602	11,992	13,643	14,100	13.8%	3.3%
Moorpark (e)	7,798	25,494	31,415	32,150	23.2%	2.3%
Ojai	6,816	7,613	7,862	7,975	3.3%	1.4%
Oxnard	108,195	142,216	170,358	177,700	19.8%	4.3%
Port Hueneme	17,803	20,319	21,845	22,250	7.5%	1.9%
San Buenaventura	73,774	92,575	100,916	102,600	9.0%	1.7%
Santa Paula	20,658	25,062	28,598	29,300	14.1%	2.5%
Simi Valley	77,500	100,217	111,351	114,800	11.1%	3.1%
Thousand Oaks	77,072	104,352	117,005	119,400	12.1%	2.0%
Balance of County	92,159	86,873	93,127	94,400	7.2%	1.4%

(a) Census of Population, April 1, 1980.

(b) Census of Population, April 1, 1990.

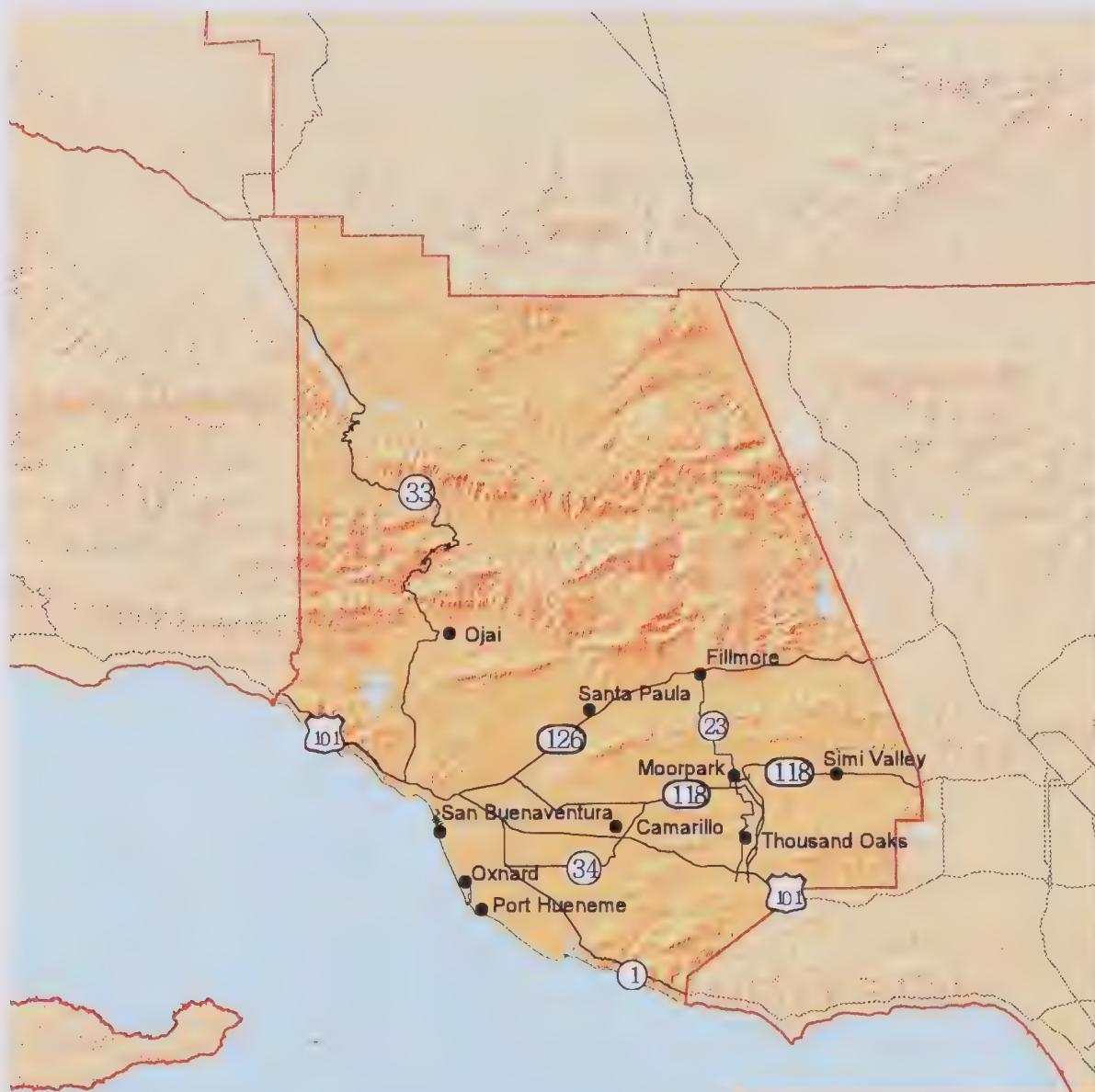
(c) Census of Population, April 1, 2000.

(d) California Department of Finance revised estimates for January 1, 2001.

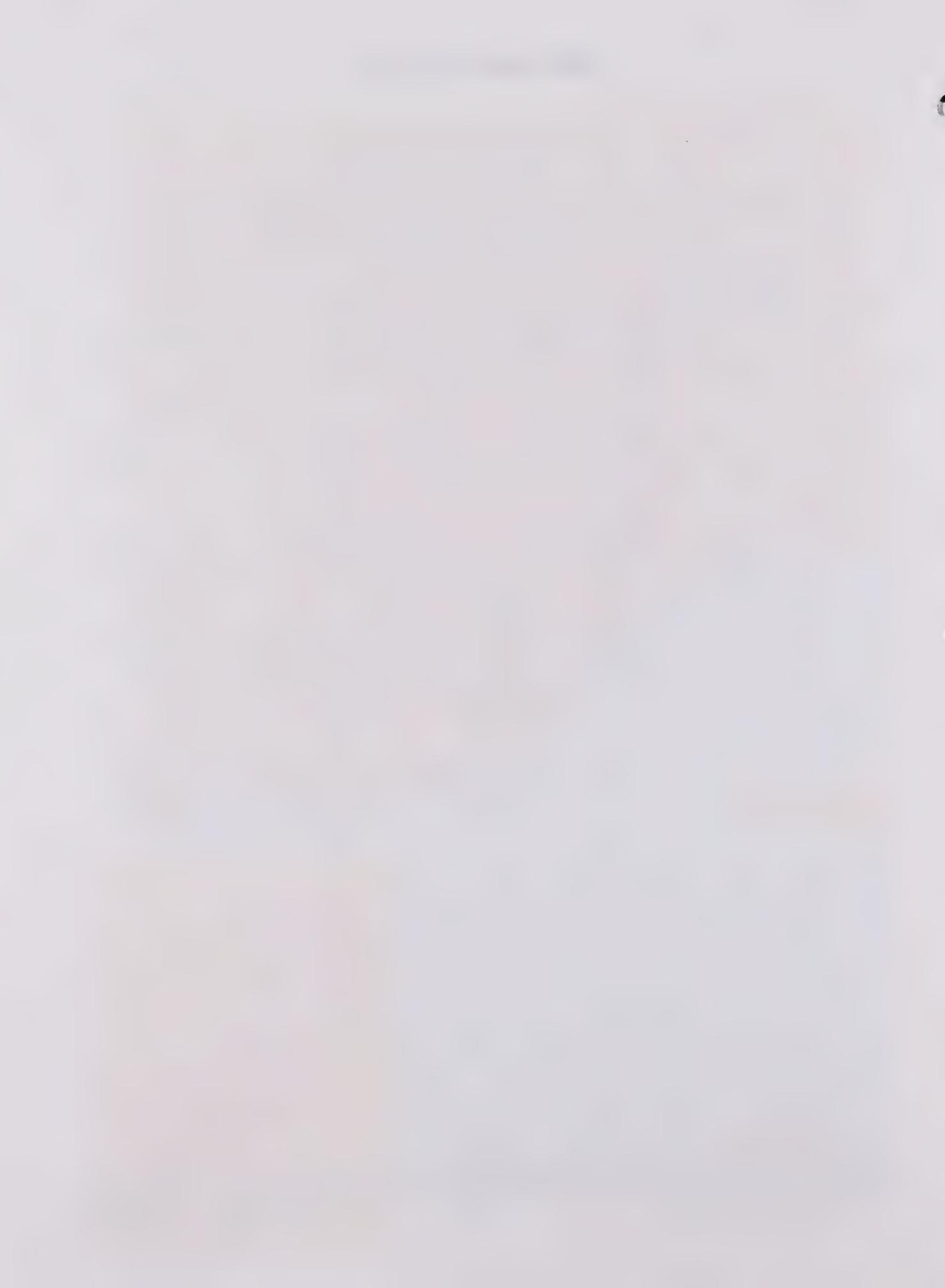
Parts may not add to total due to independent rounding.

(e) Incorporated after the 1980 Census.

# Ventura County



Cartography by:  
Current Economic Statistics  
Labor Market Information Division  
California Employment Development Department  
[www.calmis.ca.gov](http://www.calmis.ca.gov)  
March 2002



## Population Estimates for California and Counties

	January		Percent Change		January		Percent Change
	2000	2001			2000	2001	
California	34,207,000	34,818,000	1.8%	Orange	2,867,700	2,925,700	2.0%
Alameda	1,455,300	1,479,100	1.6%	Placer	248,700	257,500	3.5%
Alpine	1,200	1,220	1.7%	Plumas	21,000	21,100	0.5%
Amador	35,250	35,400	0.4%	Riverside	1,557,800	1,609,400	3.3%
Butte	204,600	205,800	0.6%	Sacramento	1,230,700	1,258,600	2.3%
Calaveras	40,950	41,100	0.4%	San Benito	53,800	55,200	2.6%
Colusa	19,050	19,200	0.8%	San Bernardino	1,726,800	1,764,300	2.2%
Contra Costa	955,900	972,100	1.7%	San Diego	2,835,400	2,883,600	1.7%
Del Norte	28,050	28,100	0.2%	San Francisco	781,900	793,700	1.5%
El Dorado	157,200	159,700	1.6%	San Joaquin	568,300	583,700	2.7%
Fresno	810,300	823,900	1.7%	San Luis Obispo	248,200	252,100	1.6%
Glenn	26,800	26,800	0.0%	San Mateo	713,900	720,100	0.9%
Humboldt	127,400	127,800	0.3%	Santa Barbara	403,500	408,900	1.3%
Imperial	146,600	150,900	2.9%	Santa Clara	1,698,800	1,723,700	1.5%
Inyo	18,250	18,150	-0.5%	Santa Cruz	258,000	259,800	0.7%
Kern	671,300	685,800	2.2%	Shasta	164,300	165,700	0.9%
Kings	132,100	136,100	3.0%	Sierra	3,580	3,560	-0.6%
Lake	58,700	59,300	1.0%	Siskiyou	44,750	44,300	-1.0%
Lassen	34,850	35,900	3.0%	Solano	396,900	403,400	1.6%
Los Angeles	9,643,100	9,802,800	1.7%	Sonoma	461,700	468,800	1.5%
Madera	125,800	129,400	2.9%	Stanislaus	451,000	459,900	2.0%
Marin	248,700	250,400	0.7%	Sutter	79,700	80,900	1.5%
Mariposa	17,200	17,200	0.0%	Tehama	56,400	56,800	0.7%
Mendocino	87,100	87,300	0.2%	Trinity	13,150	13,050	-0.8%
Merced	212,800	216,700	1.8%	Tulare	373,100	377,500	1.2%
Modoc	9,550	9,600	0.5%	Tuolumne	54,800	55,200	0.7%
Mono	12,950	13,350	3.1%	Ventura	759,400	773,500	1.9%
Monterey	405,200	410,800	1.4%	Yolo	169,300	173,500	2.5%
Napa	125,100	126,200	0.9%	Yuba	60,900	60,800	-0.2%
Nevada	92,300	94,000	1.8%				

SOURCE: State of California, Department of Finance, Population Estimates for California Cities and Counties.

Report E-1. Sacramento, California, May 2001.

# O\*NET

## The Occupational Information Network

The *Occupational Information Network* (O\*NET) is the U.S. Department of Labor's recent replacement to the long-standing Dictionary of Occupational Titles (DOT). First released in 1998 and made available as an Internet application in 2001, O\*NET was created for the general public to provide broad access to occupational information.

The O\*NET system includes information on skills, abilities, knowledge, work activities, and interests associated with occupations. This information can be used to facilitate career exploration, vocational counseling, and a variety of human resources functions, such as developing job orders and position descriptions and aligning training with current workplace needs.

The gathering and classification of information was done with many different users in mind, including human resource personnel, industry analysts, students, rehabilitation counselors, workforce researchers, managers, displaced workers and more. Information in O\*NET is available for over 950 occupations. Each occupational title and code is based on the most current version of the Standard Occupational Classification system.

O\*NET OnLine offers users the chance to:

- Find occupations to explore, either by skill requirements or using key words
- Search for occupations that use their skills
- Look at related occupations with similar skills requirements
- View and print snapshot reports listing top tasks and skills requirements for an occupation
- View occupation details

- Use crosswalks to find occupations using titles from other classification systems
- Connect to other on-line career information resources to see current wage and outlook information
- Access comprehensive information on-line

The information currently available through O\*NET was developed by job analysts; however, workers and employers themselves, describing what they do and the necessary skills, will contribute to data and ratings beginning in the year 2003.

The U.S. Department of Labor's Employment and Training Administration looked to both public and private entities in the development of O\*NET. State-based Occupational Analysis Field Centers and Assessment Research and Development Program Centers provided regional support. Private sector firms are also assisting with the implementation of the project.

If it is to be current, comprehensive and inclusive, the O\*NET System will require a continuous process of database building. DOL welcomes the participation of employers or representatives of organizations that can contribute occupational information. The massive and growing O\*NET data collection and database will be maintained by the newly established National O\*NET Consortium.

For further information contact O\*NET:

O\*NET Project  
DOL Office of Policy and Research  
200 Constitution Ave., NW, MS N5637  
Washington, DC 20210  
(202) 693-3660

<http://www.doleta.gov/programs/onet/>

# Standard Occupational Classification (SOC)

The Standard Occupational Classification (SOC) 1998 System was developed in response to a growing need for a universal occupational classification system—a system which would allow government agencies and private industry to produce comparable data. The SOC system was designed to cover all occupations in which work is performed for pay or profit and will be used by all federal agencies to classify workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

## *General Characteristics of the Revised SOC*

This system classifies workers at four levels of aggregation:

- major group
- minor group
- broad occupation
- detailed occupation

All workers are classified into one of over 820 occupations, according to their occupational definition. To facilitate classification, all occupations are clustered into one of 23 major groups. Within these major groups, there are 96 minor groups, and 449 broad occupations. Each broad occupation includes detailed occupation(s) requiring similar job duties, skills, education, or experience.

The following example shows the hierarchical structure of the 1998 SOC:

- 19-0000 Life, physical, and social science occupations (*major group*)
  - 19-0000 Life scientists (*minor group*)
    - 19-1020 Biological scientists (*broad occupation*)
      - 19-1021 Biochemists and biophysicists (*detailed occupation*)
      - 19-1022 Microbiologists (*detailed occupation*)
      - 19-1023 Zoologists and wildlife biologists (*detailed occupation*)
    - 19-1029 Biological scientists, all other (*detailed occupation*)

Data collected by the 2000 Census of Population will be coded to the 1998 SOC; the Department of Labor's Occupational Information Network (O\*NET), adheres to the 1998 SOC. In fact, all federal government agencies that collect occupational data are expected to adopt the 1998 SOC over the next few years.

Additional information, updated revision plans, and information on the implementation of the 1998 SOC are available at the Bureau of Labor Statistics (BLS) Internet site:

<http://stats.bls.gov/soc>

# Job Services for Employers and Job Seekers

The Employment Development Department (EDD) is the largest source of personnel recruitment in California. There is no fee to employers or job seekers. Employers may wish to place a job order with EDD or ask about other available services. Job seekers may wish to complete an application to be matched against employer job orders or to request other assistance in finding a job or training.

The **EDD Job Service** is the public employment service for the State of California. From locations in over 200 communities, the EDD Job Service program serves the State's 900,000 employers and the one million or more job seekers who use the services each year.

The EDD Job Service is authorized by the federal Wagner-Peyser Act, as amended by the Workforce Investment Act of 1998. The EDD plans and delivers the services in California in partnership with other employment and training organizations in the One-Stop Career Centers created by the Workforce Investment Act of 1998. The EDD's Job Service offers a variety of services that bring employers with job openings and qualified job seekers together.

**CalJOBS** – California's Internet system for linking employer job listings and job seeker resumes. CalJOBS is available at EDD Job Service locations, One-Stop Career Centers, and anywhere there is Internet access.

Special features of CalJOBS include:

- No fees
- Wide variety of job listings and job seekers
- Easy access:

<http://www.caljobs.ca.gov>

**Employer Advisory Councils** work closely with Job Service to sponsor employer seminars, job fairs and other events which provide information and guidance for job seekers and local business.

## Additional Services to Job Seekers

- Job search workshops
- Referral to partner agencies that provide other employment related services, including training.

## Additional Services to Employers

- Reemployment services for dislocated workers.
- Current labor market information.
- Focused recruitment campaigns.
- Locally coordinated workforce preparation services.

If you are interested in any of the above services; or would like information about the location of the Job Service office nearest you, contact the call center listed below.

Bay Area	415-749-7503
Los Angeles	213-833-7900
Orange	714-518-2315
Riverside	909-955-2200
Sacramento	916-227-0301
San Diego	619-266-4200

# California's Labor Market and Occupational Information is only a click away ...

Use your computer to view and/or download important economic data directly from us —  
**24 hours a day, seven days a week!**

<http://www.calmis.ca.gov>

## Data available on-line:

*Agriculture* Statewide and county employment and earnings data for selected crops and industries.

*Demographics* Statewide and county census data, population tables, income statistics, and data for nondiscrimination programs.

*Industry* Current and historical employment data, projections of employment, hours and earnings, and size of firm data.

*Labor Force* Monthly, historical, and annual average labor force data by county, MSA, and statewide; labor market conditions in California, and employment characteristics.

*Resources* Contact lists for area consultants, local partners for the California Cooperative Occupational Information System (CCOIS), publications available, and resources for additional data.

*Occupations* Projections of employment by occupation, the California License Handbook, the California Occupational Guides, the Occupational Guide Wage Supplement and the Occupational Outlook Reports.

## Visit our interactive on-line sites:

*Labor Market Information for Economic Development (LMI4ED)* Provides industry trends and occupational information in an interactive application. Users can search for data by county and industry or occupation, select individual items for display, and produce customized tables. LMI4ED is available at:

<http://www.lmi4ed.ca.gov>

*California Career & Training Information System (CaCTIS)* Provides job seekers and career development professionals easy access to occupational wages and outlook, training information and job openings. CaCTIS is available at:

<http://www.cactis.ca.gov>

**Publications and Information:** Publications Desk (916) 262-2162

**Internet Assistance:** (916) 262-2213 or (916) 262-2340

# Related Websites

## Local Government

CA local government agencies

[http://www.ceres.ca.gov/geo\\_area/counties](http://www.ceres.ca.gov/geo_area/counties)

Sacramento Area Commerce and Trade Organization

<http://www.sactoedc.org>

## State Government

California's Home Page — Links to all state government agencies

<http://www.ca.gov>

EDD Home Page

<http://www.edd.ca.gov>

California Career Resource Network (CalCRN) — CalCRN is an interagency committee created to promote the development and use of occupational and career information.

<http://www.soicc.ca.gov>

California Department of Finance (DOF) — DOF provides demographic information, population estimates, and cost of living information.

<http://www.dof.ca.gov>

California One-Stop Career Centers

<http://www.sjtcc.ca.gov/sjtccweb/one-stop>

California School To Career (STC) — School-to-Career is a method of teaching that prepares students for college and the job market by integrating academic studies with real world applications and work based learning experiences.

<http://www.stc.ca.gov>

California's Job Bank

<http://www.caljobs.ca.gov>

Department Of Industrial Relations (DIR) — Worker's Compensation, labor law, and statistics.

<http://www.dir.ca.gov>

## Federal Government

Federal Department of Labor, Bureau of Labor Statistics

<http://stats.bls.gov>

Bureau of the Census

<http://www.census.gov>

Library of Congress

<http://lcweb.loc.gov>

America's Job Bank

<http://www.ajb.dni.us>

*Projections  
&  
Planning  
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## **Module B:**

# **Labor Force**



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## Module B: Labor Force

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# Labor Force

Labor force statistics are derived from the monthly Current Population Survey (CPS) conducted by the Bureau of Census for the Bureau of Labor Statistics (BLS). This monthly survey collects demographic data including employment and unemployment status for all states. The CPS sample consists of over 60,000 households nationwide with over 4,600 households in California. These data represent counts of individuals by place of residence rather than a count of jobs.

County-level labor force data, with the exception of Los Angeles county, are derived using a variety of information including CPS information, Wage and Salary Employment, and unemployment claims data for local areas.

*Civilian Labor Force* includes all non-institutional civilians, 16 years of age and older, who are working or looking for work: the sum of employed and unemployed.

*Civilian Employment* includes all individuals who are working, either for a wage or salary, self-employed, working at least one hour for pay or profit each week, or working at least 15 unpaid hours in a family business. Those who are on vacation, other kinds of leave, or involved in a labor dispute, are also counted as employed (whether or not they were paid for the time off).

*Civilian Unemployment* includes those individuals who are not working but are able, available and looking for work.

*Unemployment Rate* is the number of unemployed individuals expressed as a percentage of the civilian labor force.

## Suggestions for Users

Regular users of labor force data include grant writers, economic development professionals, government agencies and local social service agencies. This section also provides suggestions for the first time user, the job hunter and the occasional user.

- County labor force data are not seasonally adjusted. It is important to request "not seasonally

"adjusted" labor force data for the state and the nation to make a valid comparison.

- The employment and unemployment figures tend to vary from month to month for many reasons. As a result, the annual average figures, over time, tend to be a better estimate of the labor force trends within the area.
- The unemployment rate may not reflect the economic conditions in all areas of the county. The labor market can vary greatly in different industries, in different occupations, and in different parts of the county.
- Month-to-month labor force data are a useful indicator of seasonal changes in an area, such as outdoor activities (i.e. construction), holiday hiring, school schedules and agricultural patterns.
- California labor force data for years prior to 1990 are not directly comparable with data for 1990 and later years due to the introduction of the 1990 Census population controls.

## Additional Sources of Information:

- Bureau of Labor Statistics, Occupational Outlook Handbook
- California Association for Local Economic Development (CALED)
- Local Chambers of Commerce
- Local Economic Development Organizations
- Newspapers

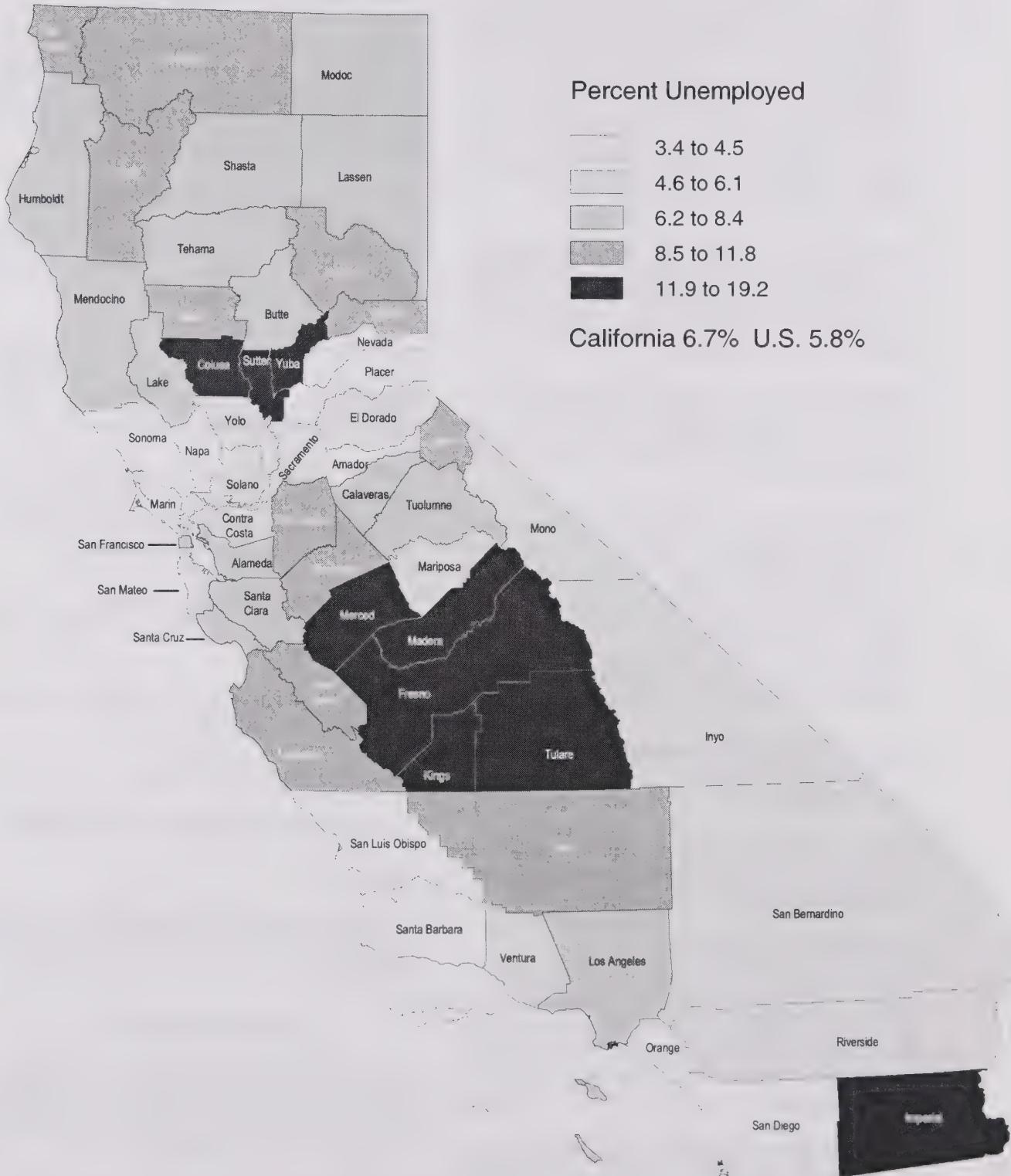
Electronic access to data is available through the Employment Development Department's Internet address at:

[www.calmis.ca.gov](http://www.calmis.ca.gov)

Please call (916) 262-2162 for additional information or technical assistance, to obtain current monthly data, or contact information for local labor market consultants.

# County Unemployment Rates

2002 Annual Averages



**United States, California and Counties**  
**Unemployment Rates**  
**2001, 2002 Annual Averages\***

	2001	2002		2001	2002
<b>U.S.</b>	4.7	5.8			
<b>CALIFORNIA</b>	5.4	6.7			
Alameda	4.6	6.8	Orange	3.0	4.1
Alpine	9.6	9.8	Placer	3.5	4.5
Amador	3.9	4.4	Plumas	8.5	9.0
Butte	7.1	7.7	Riverside	5.2	6.1
Calaveras	6.0	7.0	Sacramento	4.2	5.4
Colusa	15.6	16.4	San Benito	8.4	10.0
Contra Costa	3.3	5.2	San Bernardino	4.8	5.7
Del Norte	8.8	9.3	San Diego	3.2	4.3
El Dorado	4.0	5.0	San Francisco	5.2	7.3
Fresno	13.8	14.4	San Joaquin	8.8	10.1
Glenn	9.6	10.2	San Luis Obispo	2.8	3.4
Humboldt	6.0	6.5	San Mateo	2.9	5.0
Imperial	21.8	19.2	Santa Barbara	3.5	4.2
Inyo	4.9	5.9	Santa Clara	4.6	8.4
Kern	10.7	11.8	Santa Cruz	6.2	8.0
Kings	13.7	14.6	Shasta	6.8	7.4
Lake	7.3	8.4	Sierra	9.7	11.4
Lassen	6.7	6.7	Siskiyou	9.4	9.8
Los Angeles	5.7	6.8	Solano	4.1	5.5
Madera	12.2	12.7	Sonoma	3.0	4.5
Marin	2.5	3.9	Stanislaus	10.3	11.4
Mariposa	5.6	5.8	Sutter	12.4	13.6
Mendocino	6.7	7.2	Tehama	6.4	6.8
Merced	14.1	14.4	Trinity	9.9	9.7
Modoc	6.1	6.7	Tulare	15.5	15.5
Mono	5.3	5.6	Tuolumne	5.6	6.4
Monterey	9.4	10.5	Ventura	4.6	5.4
Napa	3.2	4.3	Yolo	4.3	5.0
Nevada	3.6	4.5	Yuba	12.1	13.3

\*March 2002 Benchmark figures.

**Ventura County**  
**Civilian Labor Force, Employment and Unemployment**  
(2002 Benchmark)  
Annual Averages 1990–2002

	<b>Labor Force</b>	<b>Employment</b>	<b>Unemployment</b>	<b>Rate</b>
<b>2002</b>	425,700	402,500	23,200	5.4%
<b>2001</b>	418,600	399,400	19,200	4.6%
<b>2000</b>	409,600	391,000	18,600	4.5%
<b>1999</b>	397,400	378,400	19,000	4.8%
<b>1998</b>	388,200	366,700	21,500	5.5%
<b>1997</b>	381,500	356,500	25,000	6.6%
<b>1996</b>	377,800	350,900	26,900	7.1%
<b>1995</b>	382,100	353,600	28,500	7.5%
<b>1994</b>	384,300	354,200	30,100	7.8%
<b>1993</b>	376,800	343,100	33,700	8.9%
<b>1992</b>	374,400	340,900	33,500	8.9%
<b>1991</b>	366,700	339,400	27,300	7.4%
<b>1990</b>	368,000	346,900	21,100	5.7%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years.

**Ventura County**  
**Civilian Labor Force, Employment and Unemployment**  
(2002 Benchmark)

	<b>Labor Force</b>	<b>Employment</b>	<b>Unemployment</b>	<b>Rate</b>
<b>2002</b>	January 422,300	398,600	23,700	5.6%
	February 424,200	403,200	21,100	5.0%
	March 424,500	404,000	20,600	4.8%
	April 424,500	404,900	19,600	4.6%
	May 425,100	406,000	19,100	4.5%
	June 426,400	404,500	21,900	5.1%
	July 429,700	405,000	24,700	5.8%
	August 424,700	398,200	26,500	6.2%
	September 426,400	400,200	26,200	6.1%
	October 426,600	401,900	24,600	5.8%
	November 429,800	403,600	26,200	6.1%
	December 424,200	399,500	24,700	5.8%
	Annual Average 425,700	402,500	23,200	5.4%
<b>2001</b>	January 411,500	392,400	19,000	4.6%
	February 411,600	395,000	16,600	4.0%
	March 411,800	396,800	15,000	3.6%
	April 413,800	399,800	14,000	3.4%
	May 416,500	402,100	14,400	3.5%
	June 417,100	399,600	17,500	4.2%
	July 422,500	400,700	21,800	5.2%
	August 421,900	399,000	22,800	5.4%
	September 420,600	397,700	22,900	5.4%
	October 425,400	404,100	21,300	5.0%
	November 425,800	402,700	23,000	5.4%
	December 424,400	402,800	21,600	5.1%
	Annual Average 418,600	399,400	19,200	4.6%
<b>2000</b>	January 400,200	381,000	19,200	4.8%
	February 400,600	383,800	16,800	4.2%
	March 402,900	387,000	15,900	4.0%
	April 402,400	387,600	14,800	3.7%
	May 408,600	393,600	15,000	3.7%
	June 410,500	392,600	17,900	4.4%
	July 415,900	391,900	24,000	5.8%
	August 414,700	391,800	22,900	5.5%
	September 412,200	390,700	21,500	5.2%
	October 415,200	396,900	18,300	4.4%
	November 416,000	396,500	19,500	4.7%
	December 415,100	398,100	17,000	4.1%
	Annual Average 409,600	391,000	18,600	4.5%

**Ventura County**  
**Civilian Labor Force, Employment and Unemployment**  
(2002 Benchmark)

<b>1999</b>	January	390,200	368,000	22,300	5.7%
	February	389,200	369,700	19,400	5.0%
	March	391,500	374,200	17,300	4.4%
	April	394,200	378,400	15,800	4.0%
	May	394,700	379,700	14,900	3.8%
	June	397,400	380,000	17,300	4.4%
	July	402,100	379,900	22,200	5.5%
	August	400,500	379,300	21,200	5.3%
	September	400,400	379,600	20,800	5.2%
	October	401,500	383,100	18,400	4.6%
	November	403,300	383,200	20,100	5.0%
	December	403,800	386,000	17,800	4.4%
	Annual Average	397,400	378,400	19,000	4.8%
<b>1998</b>	January	384,100	359,800	24,300	6.3%
	February	383,100	361,600	21,500	5.6%
	March	384,800	366,000	18,900	4.9%
	April	385,600	368,400	17,200	4.5%
	May	385,900	368,600	17,300	4.5%
	June	386,800	367,200	19,600	5.1%
	July	395,700	372,600	23,100	5.8%
	August	392,900	367,400	25,500	6.5%
	September	390,100	364,800	25,300	6.5%
	October	390,100	367,900	22,200	5.7%
	November	390,400	367,100	23,400	6.0%
	December	390,000	369,600	20,400	5.2%
	Annual Average	388,200	366,700	21,500	5.5%
<b>1997</b>	January	377,800	350,800	27,000	7.1%
	February	378,800	354,900	23,900	6.3%
	March	380,900	359,500	21,500	5.6%
	April	381,100	360,200	20,900	5.5%
	May	380,200	359,400	20,800	5.5%
	June	381,100	358,100	23,000	6.0%
	July	380,200	351,100	29,100	7.7%
	August	383,800	354,700	29,100	7.6%
	September	379,600	350,800	28,800	7.6%
	October	387,600	361,500	26,200	6.8%
	November	384,400	357,900	26,500	6.9%
	December	382,000	359,000	22,900	6.0%
	Annual Average	381,500	356,500	25,000	6.6%

**Ventura County**  
**Civilian Labor Force, Employment and Unemployment**  
(2002 Benchmark)

<b>1996</b>	January	375,700	346,800	28,900	7.7%
	February	377,500	351,500	25,900	6.9%
	March	377,600	353,800	23,800	6.3%
	April	375,900	353,200	22,800	6.1%
	May	376,000	353,500	22,400	6.0%
	June	374,900	350,000	24,900	6.6%
	July	380,300	349,500	30,800	8.1%
	August	379,300	348,100	31,300	8.2%
	September	376,900	345,900	31,000	8.2%
	October	379,300	352,100	27,200	7.2%
	November	381,700	353,400	28,400	7.4%
	December	378,300	353,200	25,100	6.6%
	Annual Average	377,800	350,900	26,900	7.1%
<b>1995</b>	January	384,700	352,100	32,600	8.5%
	February	381,500	355,300	26,200	6.9%
	March	382,500	358,500	24,000	6.3%
	April	383,700	359,900	23,800	6.2%
	May	379,900	355,300	24,600	6.5%
	June	381,300	354,500	26,800	7.0%
	July	387,000	357,200	29,800	7.7%
	August	383,500	350,200	33,300	8.7%
	September	378,000	345,500	32,500	8.6%
	October	382,100	352,900	29,200	7.7%
	November	383,200	351,300	31,900	8.3%
	December	378,200	350,500	27,700	7.3%
	Annual Average	382,100	353,600	28,500	7.5%
<b>1994</b>	January	380,400	346,500	33,900	8.9%
	February	383,600	351,100	32,500	8.5%
	March	384,900	356,400	28,500	7.4%
	April	384,700	358,300	26,400	6.9%
	May	384,100	357,800	26,300	6.8%
	June	385,100	357,200	27,900	7.3%
	July	389,700	357,300	32,400	8.3%
	August	387,600	353,900	33,700	8.7%
	September	382,300	349,800	32,500	8.5%
	October	384,600	355,200	29,400	7.6%
	November	383,600	353,000	30,600	8.0%
	December	380,700	353,600	27,100	7.1%
	Annual Average	384,300	354,200	30,100	7.8%

**Ventura County**  
**Civilian Labor Force, Employment and Unemployment**  
**(2002 Benchmark)**

<b>1993</b>	January	376,000	338,200	37,800	10.1%
	February	373,000	340,100	32,900	8.8%
	March	376,200	345,300	30,900	8.2%
	April	378,000	348,200	29,800	7.9%
	May	378,700	348,500	30,200	8.0%
	June	378,200	345,000	33,200	8.8%
	July	381,200	343,100	38,100	10.0%
	August	375,200	338,900	36,300	9.7%
	September	373,800	338,200	35,600	9.5%
	October	380,100	346,300	33,800	8.9%
	November	376,700	342,100	34,600	9.2%
	December	374,000	342,800	31,200	8.3%
	Annual Average	376,800	343,100	33,700	8.9%
<b>1992</b>	January	368,600	336,600	32,000	8.7%
	February	370,100	337,200	32,900	8.9%
	March	370,500	342,900	27,600	7.5%
	April	372,900	346,400	26,500	7.1%
	May	372,700	345,700	27,000	7.3%
	June	376,200	345,000	31,200	8.3%
	July	383,300	343,400	39,900	10.4%
	August	376,900	339,300	37,600	10.0%
	September	374,600	336,600	38,000	10.1%
	October	377,600	341,700	35,900	9.5%
	November	376,600	338,500	38,100	10.1%
	December	372,700	337,600	35,100	9.4%
	Annual Average	374,400	340,900	33,500	8.9%
<b>1991</b>	January	367,200	338,200	29,000	7.9%
	February	364,600	337,900	26,700	7.3%
	March	365,000	340,600	24,400	6.7%
	April	365,100	342,600	22,500	6.2%
	May	362,500	340,600	21,900	6.0%
	June	366,100	341,800	24,300	6.6%
	July	372,600	345,800	26,800	7.2%
	August	371,100	339,600	31,500	8.5%
	September	365,100	333,200	31,900	8.7%
	October	366,800	337,800	29,000	7.9%
	November	367,300	336,100	31,200	8.5%
	December	367,000	338,100	28,900	7.9%
	Annual Average	366,700	339,400	27,300	7.4%

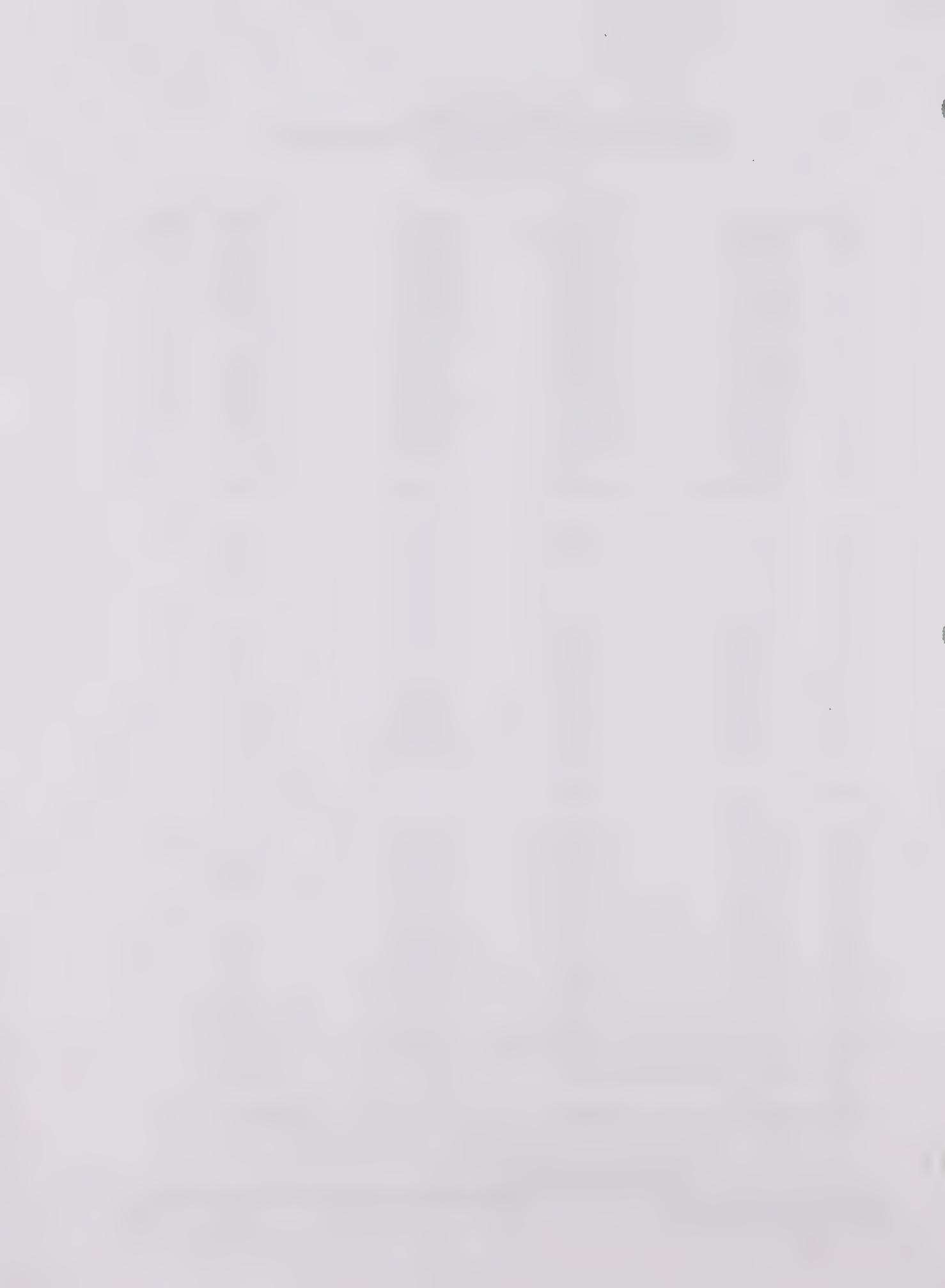
**Ventura County**  
**Civilian Labor Force, Employment and Unemployment**  
(2002 Benchmark)

<b>1990</b>	January	363,200	344,000	19,200	5.3%
	February	362,200	346,000	16,200	4.5%
	March	364,900	350,300	14,600	4.0%
	April	367,600	352,500	15,100	4.1%
	May	368,000	352,400	15,600	4.2%
	June	372,000	353,400	18,700	5.0%
	July	375,600	352,200	23,400	6.2%
	August	377,000	351,100	25,900	6.9%
	September	364,500	337,600	27,000	7.4%
	October	365,700	342,200	23,500	6.4%
	November	368,900	340,500	28,400	7.7%
	December	366,600	341,100	25,500	7.0%
	Annual Average	368,000	346,900	21,100	5.7%

Notes:

- (1) The unemployment rate is calculated using unrounded data.
- (2) Due to the introduction of the 1990 census population figures, the data for years prior to 1990 are not comparable with data for 1990 and later years.

Effective with the release of January 2003 data in February 2003, labor force data for all areas have been revised back to January 2000. This revision is the result of incorporation of the 2000 Census population controls at the State level and changes in methodology. Therefore, data for years prior to 2000 are not comparable with data for 2000 and later years.



*Projections  
Planning  
Information*

**Module C:**

**Wage & Salary  
Employment**



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## Module C: Wage and Salary

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# Wage and Salary Employment

Industry employment data reflect jobs by "place of work" and by broad industry categories. The data do not include the self-employed, unpaid family workers or private household employees. Jobs located in a county or Metropolitan Statistical Area (MSA) that pay wages and salaries are counted, although workers may live outside the area. Jobs are counted regardless of the number of hours worked. Individuals who hold more than one job may be counted more than once.

## Current Employment Statistics

These data are based on the Current Employment Statistics (CES) survey. The CES survey summarizes monthly employment, and hours and earnings data from a sample of California employers. This survey is also referred to as the establishment, or wage and salary employment survey. The estimates are revised in the following month as job information is received from additional employers. Final revisions to the statewide and local area data, referred to as "Benchmark data," are made each March for the previous two years based on payroll tax reports submitted by California employers covered by the Unemployment Insurance program.

## Classification

Formerly, industry employment data were coded using the Standard Industrial Classification (SIC) system. In 1998, California began to transition from SIC to the new North American Industry Classification System (NAICS).

NAICS is the product of a cooperative effort on the part of the statistical agencies of the United States, Canada, and Mexico. It uses a production-oriented approach to categorize economic units. Units with similar production processes are classified in the same industry. NAICS focuses on how products and services are created, as opposed to SIC which focuses on what is produced. Using NAICS yields significantly different industry groupings than those produced using SIC. Due to these differences, NAICS data will not be directly comparable to the SIC-based data for earlier years.

Many programs within EDD produce or use data by industry, but some of these programs have not

yet transitioned from SIC to NAICS. For example, while the official estimates of employment by industry (also known as the Current Employment Statistics or CES program) began publishing data by NAICS with the release of Benchmark and monthly average data in February of 2003, the projections of employment by industry and occupation will not incorporate NAICS codes until the release of the 2002–2012 data (anticipated release in late 2003 or early 2004).

## Annual Average Data

Annual average data are derived by adding up the monthly data for each industry and dividing by twelve to determine an actual annual average. These annual average data may reflect major business openings, expansions, and closings. Or, these data may reflect trends affecting an entire industry such as economic conditions, structural and technological changes.

## Users of Wage and Salary Data

Economic developers, firms considering relocation, government agencies, grant writers, universities and anyone preparing reports on employment use wage and salary employment information to identify local industry trends. People looking for work and those counseling or placing others may learn about prospects for employment in various industries. Anyone seeking background information may use the wage and salary industry employment tables to look at the county's economy as a whole; at one industry; and/or at related industries for a firm's suppliers or for potential markets.

## Points to Consider

Monthly job estimates are not adjusted for seasonal changes in employment. It is important to keep in mind that month-to-month changes may be due to regular seasonal patterns in an industry. For instance, during the holiday shopping season, retail jobs increase and during the summer, there are more workers in the construction industry. On the other hand, changes may reflect new businesses, expansions, or closings. Comparison of monthly changes for the same period in prior years will provide a better understanding of whether the change is seasonal or atypical.

Monthly fluctuations in wage and salary employment are an essential part of the changes that occur in the dynamic economy of a county or region. It is important to study wage and salary employment data over time to evaluate the strength of the local economy.

Wage and salary employment data identify which industries have the largest number of jobs. However, an industry with a large number of workers may not necessarily be expanding; it may even be downsizing, while new and expanding industries may not have large numbers of existing jobs but are a good source for new job opportunities.

Annual average data, over time, tend to be a better indicator of employment trends for the various industries in an area.

#### **Additional Sources of Information**

You may consult the labor force and industry and occupational projections modules of this report for more information on economic conditions in the county. Or, you may speak with the Labor Market Information Division's (LMID) area consultants located throughout the state who are knowledgeable about the economic activities within their local areas. Other sources of information include:

- U. S. Bureau of Labor Statistics
- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Universities and Colleges

#### **Automated Access**

Access to current data is available through the Employment Development Department's Internet address at:

**[www.calmis.ca.gov](http://www.calmis.ca.gov)**

For technical assistance or additional information about the Employment Development Department's website, please call (916) 262-2162. To obtain contact information for local labor market consultants or to obtain current monthly data, customers may also call (916) 262-2162, or FAX (916) 262-2443.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
2000–2002 Annual Averages\*

Industry Title	2000	2001	2002
Total, All Industries	294,300	299,000	299,000
Total Farm	19,300	19,100	18,700
Crop Production	n/a	11,000	11,500
Animal Production	n/a	100	100
Timber Tract Operations	n/a	0	0
Forest Nurseries & Gathering	n/a	0	0
Fishing, Hunting & Trapping	n/a	0	0
Support Activities for Ag	n/a	8,000	7,100
Total Nonfarm	275,000	279,900	280,300
Total Private	230,700	234,800	234,900
Goods Producing	57,700	57,400	54,000
Natural Resources and Mining	800	800	700
Construction	15,500	16,100	15,300
Building, Develop & Gen Cont & Hvy Const	4,400	4,400	4,300
Specialty Trade Contractors	11,100	11,600	11,000
Manufacturing	41,400	40,500	38,000
Durable Goods	27,800	26,600	24,900
Machinery Manufacturing	3,800	3,800	3,600
Computer and Electronic Product Manufacturing	12,000	11,800	10,600
Residual- Miscellaneous Manufacturing	12,100	11,000	10,700
Nondurable Goods	13,500	13,900	13,100
Residual-Food Manufacturing	6,200	6,300	6,200
Chemical Manufacturing	7,300	7,600	6,900
Service Providing	217,300	222,600	226,300
Trade, Transportation and Utilities	49,700	50,800	51,800
Wholesale Trade	10,300	11,000	11,800
Retail Trade	33,800	33,800	34,200
Food and Beverage Stores	6,200	6,300	6,300
Clothing and Clothing Accessories Stores	3,100	3,100	3,200
General Merchandise Stores	6,100	5,900	5,900
Residual-Miscellaneous Store Retailers	18,400	18,500	18,800
Transportation, Warehousing and Utilities	5,600	5,900	5,900
Utilities	900	900	900
Transportation and Warehousing	4,700	5,100	5,000
Information	7,900	8,400	8,300
Residual-Publishing Industries (except Internet)	3,900	4,400	4,400
Telecommunications	4,000	4,000	3,900
Financial Activities	16,700	19,700	21,700
Finance and Insurance	12,700	15,500	17,200
Residual-Other Finance	800	900	900
Credit Intermediation and Related Activities	4,900	7,100	8,800
Insurance Carriers and Related	7,000	7,500	7,500
Real Estate and Rental and Leasing	4,000	4,200	4,500

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
2000–2002 Annual Averages\*

Industry Title	2000	2001	2002
Professional and Business Services	39,600	37,200	36,600
Professional, Scientific and Technical Services	13,300	13,800	13,500
Management of Companies and Enterprises	3,700	3,400	3,400
Administrative and Support and Waste Services	22,700	20,000	19,700
Administrative and Support Services	22,000	19,300	19,000
Employment Services	12,200	9,100	8,800
Residual-Other Support Services	9,900	10,300	10,200
Waste Management and Remediation Services	600	700	700
Educational and Health Services	24,200	25,300	26,000
Residual-Educational Services	6,500	6,800	7,300
Health Care	17,700	18,500	18,700
Leisure and Hospitality	25,200	26,600	26,900
Arts, Entertainment, and Recreation	3,900	4,100	4,300
Accommodation and Food Service	21,300	22,400	22,600
Accommodation	3,000	3,000	2,600
Food Services and Drinking Places	18,300	19,400	20,000
Other Services	9,700	9,600	9,600
Government	44,300	45,100	45,400
Federal Government	8,200	8,000	7,900
Other Federal Government	2,400	2,400	2,400
Department of Defense	5,800	5,600	5,500
State and Local Government	36,200	37,200	37,400
State Government	1,700	1,800	2,000
State Government Education	0	100	200
Other State Government	1,700	1,800	1,800
Local Government	34,500	35,300	35,400
Local Government Education	21,100	21,600	21,400
County	7,700	8,000	8,300
City	4,000	4,100	4,100
Other Local Government	1,600	1,600	1,700

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
Monthly January–December 2000\*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total, All Industries	283,300	286,600	292,800	299,400	300,700	299,000	292,600	290,700	294,300	297,200	296,500	298,900	294,300
Total Farm	15,900	18,700	22,500	26,100	25,500	21,800	17,100	16,400	16,900	18,800	16,600	15,800	19,300
Crop Production	n/a												
Animal Production	n/a												
Timber Tract Operations	n/a												
Forest Nurseries & Gathering	n/a												
Fishing, Hunting & Trapping	n/a												
Support Activities for Ag	n/a												
Total Nonfarm	267,400	267,900	270,300	273,300	275,200	277,200	275,500	274,300	277,400	278,400	279,900	283,100	275,000
Total Private	223,300	223,300	225,300	228,000	229,500	232,200	232,300	233,000	234,500	233,800	234,800	237,800	230,700
Goods Producing	55,400	55,200	55,700	56,400	57,100	58,200	58,500	58,800	59,500	59,200	58,800	59,000	57,700
Natural Resources and Mining	800	800	800	800	800	800	800	800	800	800	800	800	800
Construction	14,300	14,100	14,300	14,800	15,300	16,000	16,100	16,300	16,700	16,200	15,900	16,000	15,500
Building, Develop & Gen Cont & Hvy Const	4,500	4,400	4,300	4,400	4,400	4,400	4,300	4,300	4,500	4,400	4,400	4,400	4,400
Specialty Trade Contractors	9,800	9,700	10,000	10,400	10,900	11,600	11,800	12,000	12,200	11,800	11,500	11,600	11,100
Manufacturing	40,300	40,300	40,600	40,800	41,000	41,400	41,600	41,700	42,000	42,200	42,100	42,200	41,400
Durable Goods	26,900	26,800	26,900	27,200	27,400	27,800	28,200	28,300	28,600	28,500	28,400	28,700	27,800
Machinery Manufacturing	3,700	3,700	3,600	3,700	3,700	3,800	3,800	3,800	3,800	3,800	3,800	3,900	3,800
Computer and Electronic Product Manufacturing	11,500	11,500	11,500	11,700	11,800	12,000	12,300	12,300	12,400	12,300	12,300	12,300	12,000
Residual- Miscellaneous Manufacturing	11,700	11,600	11,800	11,800	11,900	12,000	12,100	12,200	12,400	12,400	12,300	12,500	12,100
Nondurable Goods	13,400	13,500	13,700	13,600	13,600	13,600	13,400	13,400	13,400	13,700	13,700	13,500	13,500
Residual-Food Manufacturing	6,300	6,200	6,200	6,300	6,300	6,200	6,100	6,200	6,200	6,400	6,400	6,100	6,200
Chemical Manufacturing	7,100	7,300	7,500	7,300	7,300	7,400	7,300	7,200	7,200	7,300	7,300	7,400	7,300
Service Providing	212,000	212,700	214,600	216,900	218,100	219,000	217,000	215,500	217,900	219,200	221,100	224,100	217,300
Trade, Transportation and Utilities	48,600	48,300	48,400	48,800	48,900	49,300	49,300	49,500	49,800	50,100	51,900	53,400	49,700
Wholesale Trade	9,600	9,800	9,900	10,200	10,300	10,400	10,500	10,500	10,600	10,600	10,800	10,800	10,300
Retail Trade	33,500	33,000	33,000	32,900	33,000	33,300	33,500	33,700	33,800	34,000	35,300	36,500	33,800
Food and Beverage Stores	6,300	6,200	6,200	6,000	6,000	6,000	6,300	6,200	6,300	6,500	6,300	6,600	6,200
Clothing and Clothing Accessories Stores	3,000	2,900	3,000	2,900	3,000	3,000	3,100	3,200	3,000	3,000	3,300	3,500	3,100
General Merchandise Stores	6,100	5,800	5,800	5,700	5,700	5,800	5,800	5,900	6,000	6,100	7,000	7,300	6,100
Residual-Miscellaneous Store Retailers	18,100	18,100	18,000	18,300	18,300	18,500	18,300	18,400	18,500	18,400	18,700	19,100	18,400

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
Monthly January–December 2000\*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Transportation, Warehousing and Utilities	5,500	5,500	5,500	5,700	5,600	5,600	5,300	5,300	5,400	5,500	5,800	6,100	5,600
Utilities	900	800	800	900	900	800	800	800	900	900	800	900	800
Transportation and Warehousing	4,600	4,700	4,700	4,800	4,700	4,800	4,500	4,500	4,500	4,600	5,000	5,200	4,700
Information	7,800	7,800	7,900	7,600	7,700	7,800	7,900	7,900	8,000	8,100	8,100	8,300	7,900
Residual-Publishing Industries (except Internet)	3,200	3,200	3,300	3,800	3,900	4,000	4,000	4,000	4,100	4,200	4,300	4,400	3,900
Telecommunications	4,600	4,600	4,600	3,800	3,800	3,800	3,900	3,900	3,900	3,900	3,800	3,900	4,000
Financial Activities	16,200	16,100	16,300	16,400	16,600	16,700	16,900	17,000	17,000	17,100	17,000	17,200	16,700
Finance and Insurance	12,300	12,200	12,400	12,500	12,600	12,600	12,800	12,900	12,900	13,100	13,100	13,200	12,700
Residual-Other Finance	700	800	700	900	800	800	800	900	900	900	900	800	800
Credit Intermediation and Related Activities	4,800	4,700	4,800	4,800	4,900	4,900	5,000	5,000	5,000	5,100	5,100	5,200	4,900
Insurance Carriers and Related	6,800	6,700	6,900	6,800	6,900	6,900	7,000	7,000	7,000	7,100	7,100	7,200	7,000
Real Estate and Rental and Leasing	3,900	3,900	3,900	3,900	4,000	4,100	4,100	4,100	4,100	4,000	3,900	4,000	4,000
Professional and Business Services	38,200	38,100	38,600	40,200	40,100	40,600	40,200	40,000	40,200	39,500	39,300	39,800	39,600
Professional, Scientific and Technical Services	12,800	13,000	13,100	13,300	13,300	13,500	13,300	13,200	13,100	13,200	13,400	13,800	13,300
Management of Companies and Enterprises	3,600	3,600	3,600	3,600	3,600	3,700	3,700	3,700	3,800	3,700	3,600	3,700	3,700
Administrative and Support and Waste Services	21,800	21,500	21,900	23,300	23,200	23,400	23,200	23,100	23,300	22,600	22,300	22,300	22,700
Administrative and Support Services	21,200	20,900	21,200	22,600	22,600	22,700	22,600	22,400	22,700	22,000	21,700	21,600	22,000
Employment Services	11,800	11,600	11,900	12,600	12,600	12,600	12,500	12,500	12,700	11,900	11,700	11,600	12,200
Residual-Other Support Services	9,400	9,300	9,300	10,000	10,000	10,100	10,100	9,900	10,000	10,100	10,000	10,000	9,900
Waste Management and Remediation Services	600	600	700	700	600	700	600	700	600	600	600	700	600
Educational and Health Services	23,800	24,100	24,300	24,000	24,100	24,200	24,000	24,200	24,500	24,300	24,400	24,500	24,200
Residual-Educational Services	6,400	6,500	6,500	6,500	6,600	6,500	6,400	6,400	6,700	6,600	6,600	6,500	6,500
Health Care	17,400	17,600	17,800	17,500	17,500	17,700	17,600	17,800	17,800	17,700	17,800	18,000	17,700
Leisure and Hospitality	23,800	24,200	24,500	24,800	25,200	25,500	25,700	25,800	25,700	25,800	25,600	25,700	25,200
Arts, Entertainment, and Recreation	3,500	3,600	3,600	3,800	4,000	4,100	4,100	4,000	4,000	4,000	3,900	4,000	3,900
Accommodation and Food Service	20,300	20,600	20,900	21,000	21,200	21,400	21,600	21,800	21,700	21,800	21,700	21,700	21,300
Accommodation	2,900	3,000	3,000	2,900	2,900	3,000	3,100	3,100	3,100	3,000	3,000	3,000	3,000
Food Services and Drinking Places	17,400	17,600	17,900	18,000	18,300	18,400	18,500	18,600	18,600	18,800	18,700	18,700	18,300
Other Services	9,500	9,500	9,600	9,800	9,800	9,900	9,800	9,800	9,800	9,700	9,700	9,900	9,700

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
Monthly January–December 2000\*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	44,100	44,600	45,000	45,300	45,700	45,000	43,200	41,300	42,900	44,600	45,100	45,300	44,300
Federal Government	8,100	8,000	8,100	8,300	9,100	8,200	8,200	8,100	8,000	8,000	8,000	8,000	8,200
Other Federal Government	2,300	2,300	2,400	2,500	3,300	2,400	2,400	2,300	2,300	2,300	2,300	2,300	2,400
Department of Defense	5,800	5,700	5,700	5,800	5,800	5,800	5,800	5,800	5,700	5,700	5,700	5,700	5,800
State and Local Government	36,000	36,600	36,900	37,000	36,600	36,800	35,000	33,200	34,900	36,600	37,100	37,300	36,200
State Government	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
State Government Education	0	0	0	0	0	0	0	0	0	0	0	0	0
Other State Government	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
Local Government	34,300	34,900	35,200	35,300	34,900	35,100	33,300	31,500	33,200	34,900	35,400	35,600	34,500
Local Government Education	21,100	21,500	21,800	22,000	21,500	21,700	19,900	18,100	19,900	21,700	22,100	22,200	21,100
County	7,800	7,800	7,800	7,700	7,700	7,700	7,700	7,700	7,700	7,700	7,700	7,800	7,700
City	4,000	4,100	4,100	4,000	4,100	4,100	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Other Local Government	1,400	1,500	1,500	1,600	1,600	1,600	1,700	1,700	1,600	1,500	1,600	1,600	1,600

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
Monthly January–December 2001\*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total, All Industries	292,200	296,300	300,400	304,200	306,000	303,000	297,100	294,700	296,600	299,900	298,500	299,200	299,000
Total Farm	14,900	19,200	21,600	25,200	25,400	22,100	17,800	16,900	17,000	18,500	15,500	14,700	19,100
Crop Production	8,500	11,500	13,000	15,400	15,200	12,500	9,600	8,400	8,800	10,700	9,300	8,700	11,000
Animal Production	100	100	100	100	100	100	100	100	100	100	100	100	100
Timber Tract Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Forest Nurseries & Gathering	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting & Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0
Support Activities for Ag	6,300	7,600	8,500	9,700	10,100	9,500	8,100	8,400	8,100	7,700	6,100	5,900	8,000
Total Nonfarm	277,300	277,100	278,800	279,000	280,600	280,900	279,300	277,800	279,600	281,400	283,000	284,500	279,900
Total Private	231,500	231,500	233,400	234,300	235,700	236,700	234,400	235,100	235,400	235,800	236,400	237,700	234,800
Goods Producing	57,300	57,300	57,800	57,700	57,900	58,200	57,500	57,800	57,700	57,300	56,400	55,700	57,400
Natural Resources and Mining	800	800	800	800	800	800	800	800	800	800	800	800	800
Construction	15,100	15,000	15,400	15,700	16,100	16,500	16,400	16,900	16,900	16,600	16,200	16,000	16,100
Building, Develop & Gen Cont & Hvy Const	4,300	4,100	4,300	4,300	4,400	4,600	4,400	4,600	4,600	4,600	4,500	4,500	4,400
Specialty Trade Contractors	10,800	10,900	11,100	11,400	11,700	11,900	12,000	12,300	12,300	12,000	11,700	11,500	11,600
Manufacturing	41,400	41,500	41,600	41,200	41,000	40,900	40,300	40,100	40,000	39,900	39,400	38,900	40,500
Durable Goods	27,500	27,300	27,200	27,000	26,800	26,500	26,400	26,300	26,200	26,200	26,000	25,700	26,600
Machinery Manufacturing	3,800	3,800	3,800	3,700	3,800	3,700	3,800	3,800	3,800	3,800	3,800	3,800	3,800
Computer and Electronic Product Manufacturing	12,400	12,300	12,300	12,100	11,900	11,700	11,800	11,700	11,700	11,400	11,300	11,100	11,800
Residual- Miscellaneous Manufacturing	11,300	11,200	11,100	11,200	11,100	11,100	10,800	10,800	10,700	11,000	10,900	10,800	11,000
Nondurable Goods	13,900	14,200	14,400	14,200	14,200	14,400	13,900	13,800	13,800	13,700	13,400	13,200	13,900
Residual-Food Manufacturing	6,200	6,300	6,300	6,300	6,600	6,800	6,300	6,200	6,300	6,300	6,200	6,000	6,300
Chemical Manufacturing	7,700	7,900	8,100	7,900	7,600	7,600	7,600	7,600	7,500	7,400	7,200	7,200	7,500
Service Providing	220,000	219,800	221,000	221,300	222,700	222,700	221,800	220,000	221,900	224,100	226,600	228,800	222,600
Trade, Transportation and Utilities	50,900	50,300	50,500	50,500	50,200	50,200	49,900	50,400	50,200	50,800	52,000	53,100	50,800
Wholesale Trade	10,800	11,000	11,200	11,100	11,000	11,000	11,000	11,200	10,900	10,900	11,000	11,100	11,000
Retail Trade	33,900	33,100	33,100	33,000	33,000	33,200	33,300	33,500	33,700	34,100	35,300	36,300	33,800
Food and Beverage Stores	6,400	6,200	6,300	6,200	6,200	6,200	6,300	6,200	6,400	6,600	6,400	6,500	6,300
Clothing and Clothing Accessories Stores	3,100	2,900	2,900	2,900	2,900	2,900	2,900	3,000	3,000	3,200	3,400	3,600	3,100
General Merchandise Stores	6,200	5,800	5,700	5,700	5,600	5,900	5,800	5,700	5,600	5,700	6,300	6,700	5,900
Residual-Miscellaneous Store Retailers	18,200	18,200	18,200	18,200	18,300	18,200	18,300	18,600	18,700	18,600	19,200	19,500	18,500

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
Monthly January–December 2001\*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Transportation, Warehousing and Utilities	6,200	6,200	6,200	6,400	6,200	6,000	5,600	5,700	5,600	5,800	5,700	5,700	5,900
Utilities	900	900	900	800	900	900	800	800	800	900	800	800	900
Transportation and Warehousing	5,300	5,300	5,300	5,600	5,300	5,100	4,700	4,900	4,800	4,900	4,900	4,900	5,100
Information	8,300	8,300	8,500	8,300	8,500	8,600	8,500	8,400	8,300	8,200	8,200	8,200	8,400
Residual-Publishing Industries (except Internet)	4,400	4,600	4,700	4,500	4,500	4,600	4,500	4,300	4,200	4,100	4,000	4,000	4,400
Telecommunications	3,900	3,700	3,800	3,800	4,000	4,000	4,000	4,100	4,100	4,100	4,200	4,200	4,000
Financial Activities	18,500	18,700	19,000	19,100	19,200	19,600	19,700	20,000	20,100	20,500	20,600	20,900	19,700
Finance and Insurance	14,600	14,700	14,900	14,900	15,000	15,300	15,400	15,700	15,800	16,300	16,400	16,700	15,500
Residual-Other Finance	800	800	900	900	900	1,000	900	1,000	900	1,000	1,000	1,000	900
Credit Intermediation and Related Activities	6,500	6,500	6,600	6,700	6,700	6,900	7,000	7,200	7,400	7,700	7,900	8,100	7,100
Insurance Carriers and Related	7,300	7,400	7,400	7,300	7,400	7,400	7,500	7,500	7,500	7,600	7,500	7,600	7,500
Real Estate and Rental and Leasing	3,900	4,000	4,100	4,200	4,200	4,300	4,300	4,300	4,300	4,200	4,200	4,200	4,200
Professional and Business Services	37,100	36,900	37,200	37,300	37,600	37,800	37,200	36,800	37,000	36,800	36,900	37,300	37,200
Professional, Scientific and Technical Services	13,500	13,700	13,700	14,100	14,000	13,900	13,600	13,700	13,600	13,700	13,700	13,800	13,800
Management of Companies and Enterprises	3,500	3,500	3,500	3,500	3,400	3,400	3,300	3,400	3,400	3,400	3,400	3,400	3,400
Administrative and Support and Waste Services	20,100	19,700	20,000	19,700	20,200	20,500	20,300	19,700	20,000	19,700	19,800	20,100	20,000
Administrative and Support Services	19,400	19,100	19,300	19,100	19,600	19,800	19,500	19,000	19,300	19,100	19,100	19,500	19,300
Employment Services	9,600	9,100	9,200	9,000	9,300	9,500	9,000	8,500	8,900	8,800	8,800	9,100	9,100
Residual-Other Support Services	9,800	10,000	10,100	10,100	10,300	10,300	10,500	10,500	10,400	10,300	10,300	10,400	10,300
Waste Management and Remediation Services	700	600	700	600	600	700	800	700	700	600	700	600	700
Educational and Health Services	24,400	24,700	24,600	25,300	25,600	25,500	25,400	25,300	25,600	25,800	25,900	25,900	25,300
Residual-Educational Services	6,200	6,400	6,400	6,800	7,000	6,800	6,800	6,600	7,100	7,300	7,200	7,100	6,800
Health Care	18,200	18,300	18,200	18,500	18,600	18,700	18,600	18,700	18,500	18,500	18,700	18,800	18,500
Leisure and Hospitality	25,600	25,800	26,100	26,600	27,000	27,100	26,800	27,000	26,800	26,600	26,500	26,700	26,600
Arts, Entertainment, and Recreation	3,800	3,900	4,000	4,000	4,100	4,200	4,200	4,300	4,200	4,300	4,100	4,200	4,100
Accommodation and Food Service	21,800	21,900	22,100	22,600	22,900	22,900	22,600	22,700	22,600	22,300	22,400	22,500	22,400
Accommodation	2,900	2,900	3,000	3,000	3,100	3,100	3,000	3,200	3,100	3,000	3,000	3,100	3,000
Food Services and Drinking Places	18,900	19,000	19,100	19,600	19,800	19,800	19,600	19,500	19,500	19,300	19,400	19,400	19,400
Other Services	9,400	9,500	9,700	9,500	9,700	9,700	9,400	9,400	9,700	9,800	9,900	9,900	9,600

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
Monthly January–December 2001\*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	45,800	45,600	45,400	44,700	44,900	44,200	44,900	42,700	44,200	45,600	46,600	46,800	45,100
Federal Government	8,000	7,900	7,900	7,900	7,900	7,900	8,000	8,000	8,000	8,000	8,000	8,000	8,000
Other Federal Government	2,300	2,300	2,300	2,300	2,300	2,300	2,400	2,400	2,400	2,400	2,400	2,400	2,400
Department of Defense	5,700	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600	5,600
State and Local Government	37,800	37,700	37,500	36,800	37,000	36,300	36,900	34,700	36,200	37,600	38,600	38,800	37,200
State Government	1,700	1,700	1,700	1,700	1,800	1,800	1,900	1,900	2,000	1,900	1,900	1,900	1,800
State Government Education	0	0	0	0	0	0	100	100	100	100	100	100	100
Other State Government	1,700	1,700	1,700	1,700	1,800	1,800	1,800	1,800	1,900	1,800	1,800	1,800	1,800
Local Government	36,100	36,000	35,800	35,100	35,200	34,500	35,000	32,800	34,200	35,700	36,700	36,900	35,300
Local Government Education	22,800	22,200	22,400	21,600	21,600	20,500	21,000	18,900	20,500	21,900	23,000	23,100	21,600
County	7,800	7,900	7,900	7,900	7,900	8,000	8,000	8,100	8,000	8,000	8,000	8,100	8,000
City	4,100	4,400	4,100	4,100	4,100	4,200	4,200	4,100	4,100	4,100	4,100	4,100	4,100
Other Local Government	1,400	1,500	1,400	1,500	1,600	1,800	1,800	1,700	1,600	1,700	1,600	1,600	1,600

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
Monthly January–December 2002\*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Total, All Industries	292,700	298,200	302,100	303,800	305,400	304,900	298,200	292,300	297,200	298,300	298,300	296,600	299,000
Total Farm	15,000	18,600	21,700	23,300	23,000	21,200	19,500	15,900	17,300	18,100	15,800	15,000	18,700
Crop Production	8,600	11,500	14,300	16,200	15,800	13,800	11,400	8,400	8,700	11,000	9,600	8,900	11,500
Animal Production	100	100	100	100	100	100	100	100	100	100	100	100	100
Timber Tract Operations	0	0	0	0	0	0	0	0	0	0	0	0	0
Forest Nurseries & Gathering	0	0	0	0	0	0	0	0	0	0	0	0	0
Fishing, Hunting & Trapping	0	0	0	0	0	0	0	0	0	0	0	0	0
Support Activities for Ag	6,300	7,000	7,300	7,000	7,100	7,300	8,000	7,400	8,500	7,000	6,100	6,000	7,100
Total Nonfarm	277,700	279,600	280,400	280,500	282,400	283,700	278,700	276,400	279,900	280,200	282,500	281,600	280,300
Total Private	231,800	233,100	234,400	234,800	236,800	237,600	234,900	234,400	235,300	234,700	235,400	235,900	234,900
Goods Producing	54,000	54,700	54,700	54,400	55,000	55,400	53,800	53,300	53,300	53,400	53,300	52,500	54,000
Natural Resources and Mining	700	700	700	800	800	800	700	700	700	800	800	700	700
Construction	15,300	15,800	15,500	15,200	15,400	15,600	15,700	15,700	15,800	14,800	14,400	14,200	15,300
Building, Develop & Gen Cont & Hvy Const	4,400	4,500	4,400	4,300	4,400	4,500	4,500	4,600	4,600	3,800	3,700	3,600	4,300
Specialty Trade Contractors	10,900	11,300	11,100	10,900	11,000	11,100	11,200	11,100	11,200	11,000	10,700	10,600	11,000
Manufacturing	38,000	38,200	38,500	38,400	38,800	39,000	37,400	36,900	36,800	37,800	38,100	37,600	38,000
Durable Goods	25,300	25,300	25,300	25,300	25,400	25,400	24,400	24,200	24,000	24,600	24,600	24,400	24,900
Machinery Manufacturing	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,600
Computer and Electronic Product Manufacturing	11,100	11,100	11,100	11,000	11,000	11,000	10,300	10,000	9,900	10,500	10,000	10,000	10,600
Residual- Miscellaneous Manufacturing	10,600	10,600	10,600	10,700	10,800	10,800	10,500	10,600	10,500	10,500	11,000	10,800	10,700
Nondurable Goods	12,700	12,900	13,200	13,100	13,400	13,600	13,000	12,700	12,800	13,200	13,500	13,200	13,100
Residual-Food Manufacturing	6,000	6,100	6,100	6,000	6,300	6,400	6,000	5,800	6,000	6,500	6,600	6,200	6,200
Chemical Manufacturing	6,700	6,800	7,100	7,100	7,100	7,200	7,000	6,900	6,800	6,700	6,900	7,000	6,900
Service Providing	223,700	224,900	225,700	226,100	227,400	228,300	224,900	223,100	226,600	226,800	229,200	229,100	226,300
Trade, Transportation and Utilities	51,800	51,500	51,500	51,300	51,500	51,900	51,100	51,200	51,400	51,900	53,100	53,800	51,800
Wholesale Trade	11,600	11,900	11,800	11,800	11,800	11,800	11,800	11,900	11,800	11,600	11,800	11,700	11,800
Retail Trade	34,300	33,600	33,700	33,500	33,700	34,000	33,500	33,600	33,900	34,300	35,500	36,300	34,200
Food and Beverage Stores	6,400	6,300	6,300	6,200	6,300	6,200	6,200	6,200	6,300	6,300	6,500	6,500	6,300
Clothing and Clothing Accessories Stores	3,300	3,100	3,100	3,000	3,000	3,100	3,100	3,200	3,200	3,200	3,400	3,700	3,200
General Merchandise Stores	6,000	5,600	5,600	5,500	5,600	5,700	5,700	5,700	5,800	6,000	6,600	6,800	5,900
Residual-Miscellaneous Store Retailers	18,600	18,600	18,700	18,800	18,800	19,000	18,500	18,500	18,600	18,800	19,000	19,300	18,800

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
Monthly January–December 2002\*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Transportation, Warehousing and Utilities	5,900	6,000	6,000	6,000	6,000	6,100	5,800	5,700	5,700	6,000	5,800	5,800	5,900
Utilities	800	900	900	900	800	900	900	800	900	1,100	1,000	1,000	900
Transportation and Warehousing	5,100	5,100	5,100	5,100	5,200	5,200	4,900	4,900	4,800	4,900	4,800	4,800	5,000
Information	8,300	8,300	8,400	8,300	8,400	8,300	8,100	8,000	7,900	8,500	8,400	8,400	8,300
Residual-Publishing Industries (except Internet)	4,200	4,200	4,200	4,300	4,400	4,400	4,300	4,300	4,200	4,800	4,800	4,800	4,400
Telecommunications	4,100	4,100	4,200	4,000	4,000	3,900	3,800	3,700	3,700	3,700	3,600	3,600	3,900
Financial Activities	20,900	21,100	21,400	21,600	21,800	21,900	22,100	22,100	22,100	21,900	21,800	21,900	21,700
Finance and Insurance	16,500	16,600	16,900	17,100	17,200	17,300	17,500	17,500	17,500	17,600	17,600	17,600	17,200
Residual-Other Finance	900	800	1,000	900	800	1,000	1,000	800	900	1,000	900	900	900
Credit Intermediation and Related Activities	8,200	8,300	8,400	8,700	8,800	8,800	9,000	9,100	9,100	9,100	9,200	9,300	8,800
Insurance Carriers and Related	7,400	7,500	7,500	7,500	7,600	7,500	7,500	7,600	7,500	7,500	7,500	7,400	7,500
Real Estate and Rental and Leasing	4,400	4,500	4,500	4,500	4,600	4,600	4,600	4,600	4,600	4,300	4,200	4,300	4,500
Professional and Business Services	35,900	36,100	36,300	36,700	36,900	36,700	36,700	36,700	37,100	36,600	36,600	36,700	36,600
Professional, Scientific and Technical Services	13,600	13,600	13,600	13,700	13,500	13,500	13,600	13,700	13,800	13,000	13,100	13,200	13,500
Management of Companies and Enterprises	3,300	3,400	3,300	3,500	3,500	3,400	3,300	3,300	3,300	3,600	3,500	3,400	3,400
Administrative and Support and Waste Services	19,000	19,100	19,400	19,500	19,900	19,800	19,800	19,700	20,000	20,000	20,000	20,100	19,700
Administrative and Support Services	18,400	18,500	18,800	18,800	19,300	19,200	19,100	19,000	19,300	19,300	19,300	19,200	19,000
Employment Services	8,300	8,500	8,700	8,500	8,800	8,800	8,700	8,700	8,900	9,100	9,200	9,300	8,800
Residual-Other Support Services	10,100	10,000	10,100	10,300	10,500	10,400	10,400	10,300	10,400	10,200	10,100	9,900	10,200
Waste Management and Remediation Services	600	600	600	700	600	600	700	700	700	700	700	900	700
Educational and Health Services	25,400	25,500	25,700	25,800	26,000	25,800	25,800	25,700	26,200	26,900	26,800	26,600	26,000
Residual-Educational Services	6,900	7,100	7,200	7,400	7,600	7,200	7,000	6,700	7,100	7,800	7,700	7,600	7,300
Health Care	18,500	18,400	18,500	18,400	18,400	18,600	18,800	19,000	19,100	19,100	19,100	19,000	18,700
Leisure and Hospitality	25,800	26,100	26,500	26,700	27,100	27,400	26,900	27,000	27,000	27,200	27,300	27,600	26,900
Arts, Entertainment, and Recreation	3,900	4,000	4,100	4,100	4,200	4,300	4,400	4,400	4,300	4,600	4,600	4,700	4,300
Accommodation and Food Service	21,900	22,100	22,400	22,600	22,900	23,100	22,500	22,600	22,700	22,600	22,700	22,900	22,600
Accommodation	2,500	2,600	2,600	2,500	2,600	2,600	2,700	2,700	2,700	2,700	2,700	2,600	2,600
Food Services and Drinking Places	19,400	19,500	19,800	20,100	20,300	20,500	19,800	19,900	20,000	19,900	20,000	20,300	20,000
Other Services	9,700	9,800	9,900	10,000	10,100	10,200	10,400	10,400	10,300	8,300	8,100	8,400	9,500

\*March 2002 Benchmark figures.

**Ventura County**  
**Wage and Salary Employment by Industry**  
(Data Not Seasonally Adjusted)  
Monthly January–December 2002\*

Industry Title	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Government	45,900	46,500	46,000	45,700	45,600	46,100	43,800	42,000	44,600	45,500	47,100	45,700	45,400
Federal Government	8,000	7,800	7,900	7,800	7,800	7,900	7,800	8,000	8,000	8,100	8,100	8,100	7,900
Other Federal Government	2,400	2,300	2,400	2,300	2,400	2,500	2,400	2,500	2,500	2,500	2,500	2,500	2,400
Department of Defense	5,600	5,500	5,500	5,500	5,400	5,400	5,400	5,500	5,500	5,600	5,600	5,600	5,500
State and Local Government	37,900	38,700	38,100	37,900	37,800	38,200	36,000	34,000	36,600	37,400	39,000	37,600	37,400
State Government	1,900	1,900	1,900	2,000	2,000	2,000	2,000	2,000	2,100	2,200	2,100	2,100	2,000
State Government Education	100	100	100	200	200	200	200	200	300	400	400	400	200
Other State Government	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,700	1,700	1,800
Local Government	36,000	36,800	36,200	35,900	35,800	36,200	34,000	32,000	34,500	35,200	36,900	35,500	35,400
Local Government Education	22,100	22,900	22,300	22,000	21,800	22,000	19,700	17,700	20,400	21,100	22,600	21,600	21,400
County	8,200	8,200	8,200	8,200	8,300	8,300	8,300	8,300	8,300	8,200	8,300	8,300	8,300
City	4,100	4,100	4,100	4,100	4,100	4,200	4,200	4,200	4,100	4,200	4,200	4,100	4,100
Other Local Government	1,600	1,600	1,600	1,600	1,600	1,700	1,800	1,800	1,700	1,700	1,800	1,500	1,700

\*March 2002 Benchmark figures.



*Projections  
& Planning  
Information*

## **Module D:**

# **Projections**



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# INTRODUCTION

## to Industry and Occupational Projections

### Using Projections Data

The projections contained in these tables provide information for estimating job opportunities, developing training programs, and gaining an insight into future employment trends. However, before reaching any final conclusions, the user should consider the following:

**Remember that these data are estimates.** They were developed based on the assumption that historical trends will continue into the future. However, events may occur during the seven-year projection period that are impossible to predict. Events such as military base closures, major business closures or openings and natural disasters can all have a major impact on employment levels.

**Do not use these projections as your sole source of information.** Use other, more recent sources of local economic data to corroborate the projection data. This information may be found in other documents such as those published by the Employment Development Department's Labor Market Information Division, local chambers of commerce, or local economic development agencies.

**Projections employment data are annual averages.** These averages may not accurately portray seasonal occupations or industries such as those found in agriculture, retail sales, recreation, and construction.

**Employment levels stated reflect workers who are covered by the Unemployment Insurance program.** As a result, industries that are made up largely of individuals who are

self-employed will be understated. Examples include industries such as real estate, hair salons, and bookkeeping. Occupations such as dental hygienists and consultants will also show an understated level of employment.

### Industry Projections

Projections by industry forecast the anticipated changes within an industry over time. Forecasts for each county are based on the county's past employment trends and are refined by a review of current economic developments within the local community. The effect of State-level economic trends are also considered.

Industry employment projections utilize industry employment data from both the Current Employment Statistics (CES) program, and the Employment Payroll (ES202) program. There is a certain amount of error built into both systems. These errors may include employers classified in the wrong industry, incorrect employment levels reported by the employer and employment reported in the wrong county.

If an industry shows a decrease in future employment, it may be that only one or two industry components are experiencing the decline and other components are still expected to hire new workers. It is best to investigate all sectors of the industry. For example, retail trade has several components: building materials and garden supplies; general merchandise stores; food stores, automotive dealers and service stations; and apparel and accessory stores, to name a few.

Geographical differences account for differing employment opportunities. If an individual is considering relocating from one area of the state to another, the size of the industry and its expected growth level need to be kept in mind. Small rural counties will not have the same employment possibilities as do the larger metropolitan areas.

### Knowing Future Industry Trends:

- ✓ helps economic development professionals foster compatible growth and promote the county's strengths,
- ✓ helps local government agencies, non-profit agencies, researchers and other interested parties formulate plans and proposals,
- ✓ helps people looking for work and those doing counseling and/or job placement to learn about employment opportunities in various industries.

### **Occupational Projections**

Projections by occupation estimate the changes in occupational employment over time resulting from two principal causes - growth and technology. Changes in the number, size and type of employers within a given geographical area will affect the demand for certain occupations. Also, technological advances or changes in laws or regulations may affect the occupational mix.

County occupational projections are prepared for all but the smaller counties which are grouped together to produce projections at the multicounty level.

General changes in the work place affect some occupations. Jobs may be created, eliminated or consolidated because of restructuring or regulations affecting the requirements for the job. For example, personal computers and word processing programs eliminated many typist jobs, but created a need for word processors.

An occupational title does not give details about the occupation. An individual starting a career search may want to look at the various occupations in this module, choose any that are of interest and then do further research on the occupation or occupations of choice.

There are other sources of information (listed below) about specific occupations and the details, such as skills and educational requirements, hourly earnings, benefits, working conditions and advancement opportunities.

Industry staffing patterns used for the projections process are developed from the annual OES Survey of employers. The survey utilizes a sample of the entire universe of Unemployment Insurance (UI) covered employers. Because it is a survey, it is important that the following points be considered:

- ✓ There is inherent statistical error as a result of both the sampling process and the level of employer response to the survey mailings.
- ✓ The OES staffing patterns may contain errors because of the problems employers may have in completing the survey. These errors typically include misunderstanding of survey instructions, misinterpretation of occupational definitions and/or titles contained on the forms, and clerical errors in filling out the forms.
- ✓ The employer's response to the survey may reflect conditions that are atypical. The employer may be experiencing a temporary shutdown, seasonal high or low employment, or a temporary increase in demand for his/her product or service.

Occupational projections data indicate the major local occupations and which occupations are likely to offer the greatest number of job opportunities. When possible, the user should focus on larger groups rather than specific occupations. Some occupations may not appear in published tables because of the

very small number of people employed in that area or because of confidentiality concerns.

Although an occupation may be stable and is not expected to grow, it does not mean that there are no opportunities for employment. All occupations have turnover opportunities - individuals change or leave their jobs permanently for varying reasons. High turnover, especially in occupations that require lower-skill levels, would mean that there are frequent openings even though there is little or no growth.

The occupational projections data are prepared for employment and training planners, vocational educators, and others who need information on future employment by occupation. The outlook information can be used in making occupational training decisions and career choices. Employers considering expansion or relocation may find the data helpful in understanding the occupational composition and trends in a county or geographic region.

### **Additional Sources of Information**

For additional information on economic conditions in a particular county, you may contact the Labor Market Information Division's area consultants who are located in the community and are knowledgeable about the economic activities within the counties that they serve, and the local One Stop locations where additional publications on labor market information may be obtained. Other sources of information include:

- Wage And Salary Employment by Industry
- Bureau of Labor Statistics, Occupational Outlook Handbook
- California Occupational Guides
- Bureau of Labor Statistics, Dictionary of Occupational Titles

- California Association for Local Economic Development (CALED)
- Local Chambers of Commerce
- Local Economic Development Organizations
- Local Newspapers
- Standard Industrial Classification Manual

### **Automated Access**

Electronic access to current data is available through the Employment Development Department's Internet address at:

**<http://www.calmis.ca.gov>**

For technical assistance or additional information about the Employment Development Department's Internet website, please call (916) 262-2162 and select option #2. Customers may also call (916) 262-2162 or FAX (916) 262-2443 to order other publications.

# Description Of Industry and Occupational Tables

Employment includes nonagricultural wage and salary workers except for self-employed persons, unpaid family workers, private household workers, and those involved in labor-management trade disputes. For the Federal government sector, employment includes all civilian employees regardless of the activities in which they are engaged.

An **industry division** refers to a distinct group of private, public, or nonprofit enterprises engaged in producing goods or providing services. With the exception of government, industries are classified by the Standard Industrial Classification (SIC) system. Industries are grouped into ten major categories, according to the economic activity involved. The ten major categories or industry divisions are:

*Agriculture, Forestry, and Fishing (SIC 01-09)* includes establishments primarily engaged in agricultural production, forestry, commercial fishing, hunting and trapping, and related services.

*Mining (SIC 10-14)* includes all establishments involved in the extraction of minerals, crude petroleum, and natural gas. It includes quarrying, well operations, milling, and other related activities.

*Construction (SIC 15-17)* includes establishments engaged in contract construction. This includes new work, additions, alterations, and repairs performed by general and special trade contractors.

*Manufacturing (SIC 20-39)* includes establishments which are usually described as plants, factories, or mills that are engaged in producing or processing non-durable or durable goods. These characteristically use power-driven machines and material-handling equipment.

*Transportation and Public Utilities (SIC 40-49)* includes enterprises engaged in passenger and freight transportation by surface, water, and air and warehousing and other transportation services. It also includes the communications complex of telephone, telegraph, radio, and television; and the utilities providing gas, electric, and sanitary services.

*Wholesale Trade (SIC 50-51)* includes establishments involved in the selling of merchandise to retailers; to industrial, commercial, farm, construction contractors, or professional business users; or to other wholesalers.

*Retail Trade (SIC 52-59)* includes establishments involved in the selling of merchandise for personal or household consumption and rendering services incidental to the sale of goods.

*Finance, Insurance, and Real Estate (SIC 60-67)* includes banks, savings and loan institutions, and security and commodity brokerages, insurance agencies and carriers, real estate sales and management offices, and rental and planning agencies.

*Services (SIC 70-89)* includes establishments such as hotels, laundries, auto repair shops, theaters, legal services, advertising services, private schools and hospitals, and nonprofit organizations which are engaged in rendering a variety of services to individuals and businesses.

*Government* includes the legislative, judicial, administrative, and regulatory activities of federal, state, local and international governments. It also includes federal, state, and local government hospitals and education.

## Industry Tables

### Employment By Major Industry -Table 1

This table shows 1997 estimated employment and 2004 projected employment along with the percentage of total employment for each major industry division.

### Employment By Industry - Table 2

This table shows employment and projected employment by industry. The number of jobs is estimated for 1997 and projected for 2004. The column entitled "SIC" lists the Standard Industrial Classification code for each industry grouping. The column labeled "Absolute Change" provides the projected change in employment between 1997 and 2004. The "Percent Change" column is the growth rate over the seven-year period.

**Occupational groups** are groups of occupations with similar skills and/or educational requirements, based on the OES groupings. There are over 800 detailed occupations and close to 100 summary level occupations in the Occupational Employment Statistics (OES) classification system. The seven occupational groups are listed below.

*Managers And Administrative* occupations are top and mid-level managers, administrators, and executives. Primary duties are policy making, planning, staffing, directing or controlling the activities of a firm. First-line supervisors are excluded from this category.

*Professional, Paraprofessional, And Technical* occupations are concerned with theoretical or practical aspects of such fields as science, art, education, health, law, and business relations. Professional occupations generally require long and intensive preparation, while technical occupations work closely with professional personnel and are required to have a combination of basic scientific knowledge and specialized education.

*Sales And Related* occupations are concerned with influencing customers to buy commodities, services, real estate, and investments.

*Clerical And Administrative Support* occupations prepare, transcribe, systematize, and preserve written communications and records; distribute information; and collect accounts.

*Service Occupations* prepare and serve food and drink; provide lodging and related services; provide grooming, cosmetic, and other personal and health care services; maintain and clean clothing and other wearing apparel; provide protection for people and property; attend to the comfort or requests of patrons of amusement and recreation facilities; and perform cleaning and maintenance services in the interiors of buildings.

*Agricultural, Forestry, And Fishing* occupations in this report include only forestry workers, nursery workers, animal caretakers, and gardeners and groundskeepers.

*Production, Construction, Operating, Maintenance, and Material Handling* are skilled, semi-skilled, and unskilled workers performing machine and manual tasks involving production, construction, operating maintenance, repair, and material handling operations.

## Occupational Tables

### Employment By Major Occupational Group - Table 3

This table shows 1997 and 2004 employment and projected employment for the seven major occupational groups. The "Percent of Total" column displays the percentage of total employment each major occupational group represents. The "Absolute Change" column gives the number of job opportunities resulting from the creation of new jobs. "Percent Change" shows the percentage change for each occupational group.

### **Occupations With The Greatest Absolute Job Growth - Table 4**

This table lists the 50 occupations that are projected to register the largest absolute change between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new jobs over the 1997-2004 period.

### **Occupations With The Fastest Job Growth - Table 5**

This table lists the 50 occupations with the greatest projected percentage increases. It provides a different perspective to future occupational employment changes. It is important to note that some of these occupations are increasing rapidly from relatively small employment levels and are not necessarily found in Table 4.

### **Occupational Employment Projections - Table 6**

This table provides occupational detail for up to 800 occupations. Annual average employment in each occupation is shown for 1997 and 2004. The column headed "Absolute Change" presents the number of job opportunities resulting from the creation of new jobs. The "Percent Change" column shows the percentage change for each occupation. The next column, "Openings Due to Separations", shows job opportunities that are created by workers leaving the occupation. Also included in this table is the Occupational Employment Statistics (OES) codes column. It shows the distinctive California OES code for each occupational title.

Each occupation in Table 6 is identified by a line number. The Alphabetical Index of Occupations section found in this module may be used to locate individual occupations in the detailed

table. The same line numbers are used in all area reports for 1997-2004. Line numbers may be different for other time periods. Not all line numbers appear in all counties; missing line numbers indicate occupations with no employment or employment below the area's cutoff point for publishing.

### **Occupations With The Most Openings – Table 7 (Growth Plus Separations)**

This table lists the occupations that are projected to register the largest absolute growth and separations between 1997 and 2004. In general, these occupations are numerically large. Some have average projected rates of growth, but because of their employment size will add significant numbers of new job openings over the 1997-2004 period.

### **Occupations With Projected Decline – Table 8**

This table lists the occupations that are projected to decline over the 1997-2004 time period. Declining employment is a sign that the occupation has no growth. However, turnover may result in some job opportunities.

# Training Level Definitions

Occupational training and education classifications were developed by the Bureau of Labor Statistics to improve on prior classification systems that did not distinguish between occupations with comparable educational requirements. For example, neither carpenters nor laborers require formal education beyond high school, but the complexity of the work and the training time required results in carpenters being placed in the long-term on-the-job training category and laborers placed in the short-term on-the-job training category. Of course there is more than one way to qualify for a job. In this classification system, the education and training required reflects the manner in which most workers become proficient in that occupation and the preferences of most employers.

**1. First professional degree.** Occupations that require at least two years of full-time academic study beyond a bachelor's degree (for example, law, medicine, dentistry and clergy).

**2. Doctoral degree.** Occupations that require at least three years of full-time academic study beyond a bachelor's degree culminating in a doctoral degree.

**3. Master's degree.** Occupations that require the completion of a master's degree program which is usually one to two years beyond a bachelor's degree.

**4. Bachelor's or higher and some work experience.** Occupations that generally require work experience in an occupation requiring a bachelor's or higher degree. Most occupations in this category are managerial occupations that require work experience in a related non-managerial occupation.

**5. Bachelor's degree.** Occupations that require the completion of at least 4 but not more than 5 years of full-time academic study beyond high school resulting in a Bachelor's degree.

**6. Associate degree.** Occupations that require the completion of at least 2 years of full-time academic study beyond high school.

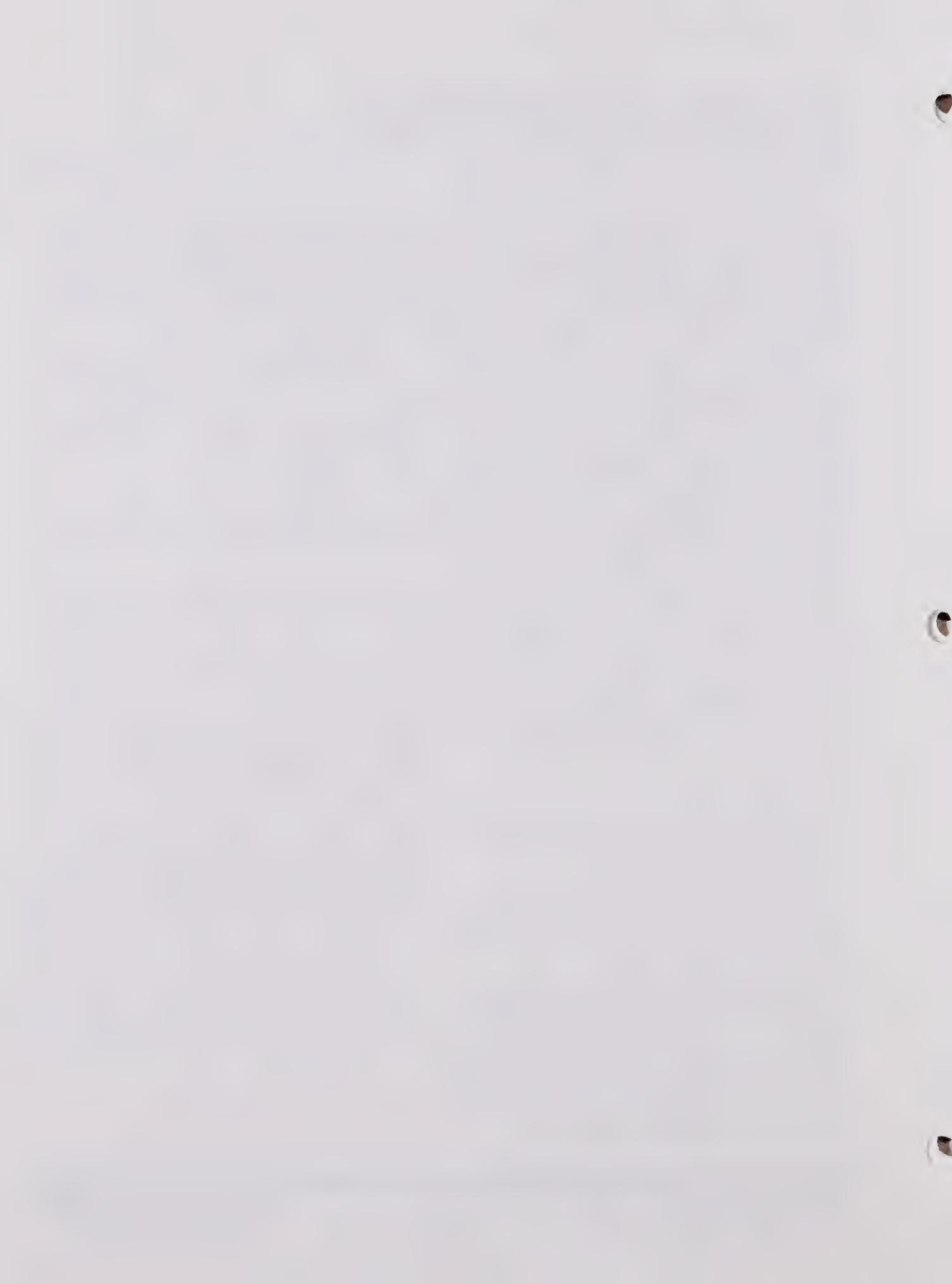
**7. Post-secondary vocational education.** Occupations that require completion of vocational school training.

**8. Work experience.** Occupations that require skills obtained through work experience in a related occupation.

**9. Long-term on-the-job training.** Occupations that require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance.

**10. Moderate-term on-the-job training.** Occupations in which workers can develop average job performance after 1 to 12 months of combined on-the-job experience and informal training.

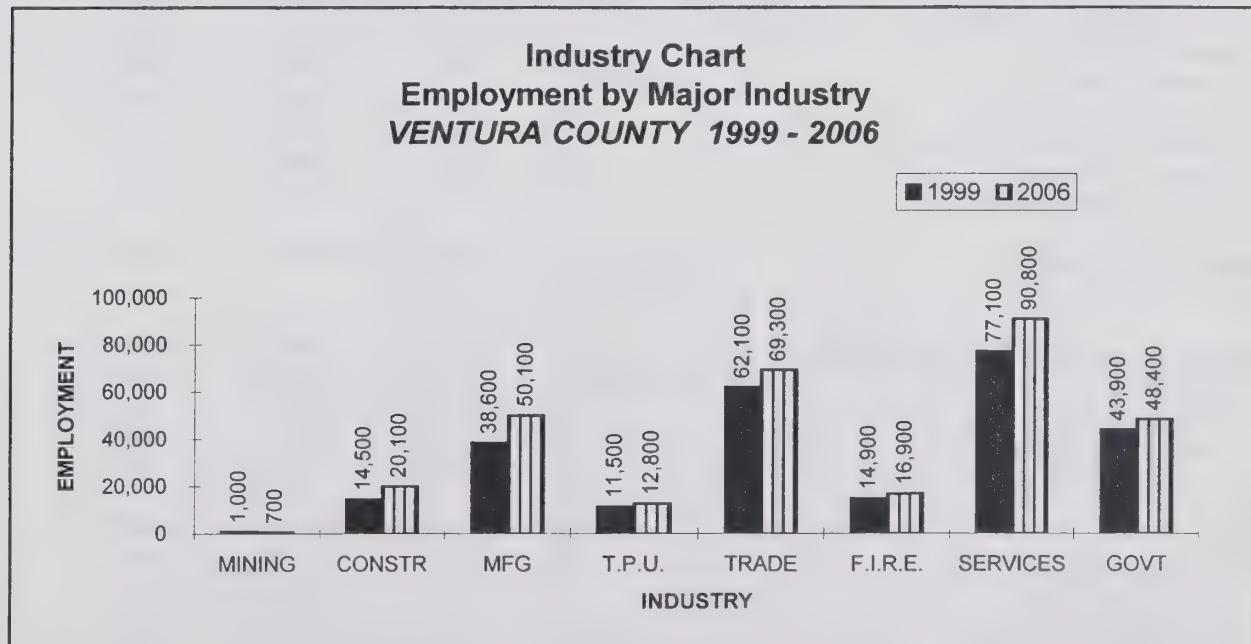
**11. Short-term on-the-job-training.** Occupations in which workers can develop skills needed after a short demonstration or up to one month of on-the-job experience and instruction.



**Table 1**  
**Employment By Major Industry (1)**  
**1999 - 2006 Annual Averages**  
**VENTURA COUNTY**

INDUSTRY	1999 (2)	PERCENT OF TOTAL	2006	PERCENT OF TOTAL
TOTAL NONFARM	263,600	100.0%	309,100	100.0%
MINING	1,000	0.4%	700	0.2%
CONSTRUCTION	14,500	5.5%	20,100	6.5%
MANUFACTURING	38,600	14.6%	50,100	16.2%
TRANSPORTATION & PUBLIC UTILITIES	11,500	4.4%	12,800	4.1%
TRADE	62,100	23.6%	69,300	22.4%
FINANCE, INSURANCE, & REAL ESTATE	14,900	5.7%	16,900	5.5%
SERVICES	77,100	29.2%	90,800	29.4%
GOVERNMENT	43,900	16.7%	48,400	15.7%

- (1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers, and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.
- (2) March 2000 benchmark.



**Table 2**  
**Industry Employment Projections (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
TOTAL NONFARM	10-99(ex88) 074,075,078	263,600	309,100	45,500	17.3
GOODS PRODUCING	10-39	54,100	70,900	16,800	31.1
MINING	10-14	1,000	700	-300	-30.0
CONSTRUCTION	15-17	14,500	20,100	5,600	38.6
MANUFACTURING	20-39	38,600	50,100	11,500	29.8
Durable Goods	24,25,32-39	25,000	30,400	5,400	21.6
Primary & Fabricated Metal	33,34	2,900	3,600	700	24.1
Industrial Machinery	35	5,200	6,800	1,600	30.8
Computer & Office Equipment	357	800	1,000	200	25.0
Other Industrial Machinery	35x	4,400	5,800	1,400	31.8
Electronic Equipment	36	8,200	10,600	2,400	29.3
Comm. Equipment, Elec. Components	366,367	6,200	8,000	1,800	29.0
Other Electronic Equipment	36x	2,000	2,600	600	30.0
Transportation Equipment	37	2,600	2,600	0	0.0
Aircraft, Missiles & Space	372,376	1,800	1,500	-300	-16.7
Other Transportation Equipment	37x	800	1,100	300	37.5
Instruments & Related Products	38	3,000	3,300	300	10.0
Navigation, Meas. & Control Devices	381,382	1,500	1,400	-100	-6.7
Other Instruments & Related	38x	1,400	1,900	500	35.7
Other Durable Goods		3,100	3,600	500	16.1
Nondurable Goods	20-23,26-31	13,600	19,700	6,100	44.9
Food & Kindred Products	20	1,200	1,400	200	16.7
Apparel & Other Textile Products	23	900	900	0	0.0
Printing & Publishing	27	2,200	2,400	200	9.1
Other Nondurable Goods		9,400	15,100	5,700	60.6
SERVICE PRODUCING	40-99(ex88) 074,075,078	209,500	238,200	28,700	13.7
TRANSPORTATION AND PUBLIC UTILITIES	40-42,44-49	11,500	12,800	1,300	11.3
Transportation	40-42,44-47	5,300	6,500	1,200	22.6
Trucking & Warehousing	42	2,000	2,500	500	25.0
Other Transportation		3,200	4,000	800	25.0
Communications & Public Utilities	48,49	6,200	6,300	100	1.6
TRADE	50-59	62,100	69,300	7,200	11.6
Wholesale Trade	50,51	12,300	14,300	2,000	16.3
Wholesale--Durable	50	6,900	8,200	1,300	18.8
Wholesale --Nondurable	51	5,500	6,100	600	10.9
Retail Trade	52-59	49,700	55,000	5,300	10.7
General Merchandise & Apparel	53,56	8,900	9,700	800	9.0
Food Stores	54	6,100	6,200	100	1.6

**Table 2**  
**Industry Employment Projections (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

INDUSTRY	SIC	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE
		1999 (2)	2006		
Automotive Dealers & Service	55	5,800	6,200	400	6.9
Eating & Drinking Places	58	17,300	19,100	1,800	10.4
Other Retail Trade		11,600	13,800	2,200	19.0
<b>FINANCE, INSURANCE &amp; REAL ESTATE</b>	<b>60-65,67</b>	<b>14,900</b>	<b>16,900</b>	<b>2,000</b>	<b>13.4</b>
Finance	60-62,67	5,900	6,500	600	10.2
Other Finance, Insurance & Real Estate		9,000	10,400	1,400	15.6
<b>SERVICES</b>	<b>70-89</b>	<b>77,100</b>	<b>90,800</b>	<b>13,700</b>	<b>17.8</b>
	<b>074,075,078</b>				
Business Services	73	23,900	31,500	7,600	31.8
Health Services	80	16,400	17,700	1,300	7.9
Other Services		36,800	41,500	4,700	12.8
<b>GOVERNMENT</b>		<b>43,900</b>	<b>48,400</b>	<b>4,500</b>	<b>10.3</b>
Federal Government		8,500	8,200	-300	-3.5
State & Local Government		35,400	40,200	4,800	13.6
State Government		1,800	2,200	400	22.2
Local Government		33,600	38,000	4,400	13.1
Local Education		20,300	24,600	4,300	21.2
Local Noneducation		13,300	13,400	100	0.8

(1) Employment and projections contained in these tables are considered estimates (see introduction for a full explanation of data limitations). Employment is reported by place of work and excludes self-employed persons, unpaid family workers, domestics, volunteers and those involved in labor-management trade disputes. These data are based on 1987 Standard Industrial Classifications. Annual average industry detail may not add up to totals due to independent rounding. Government data include all civilian government employees regardless of the activities in which they are engaged.

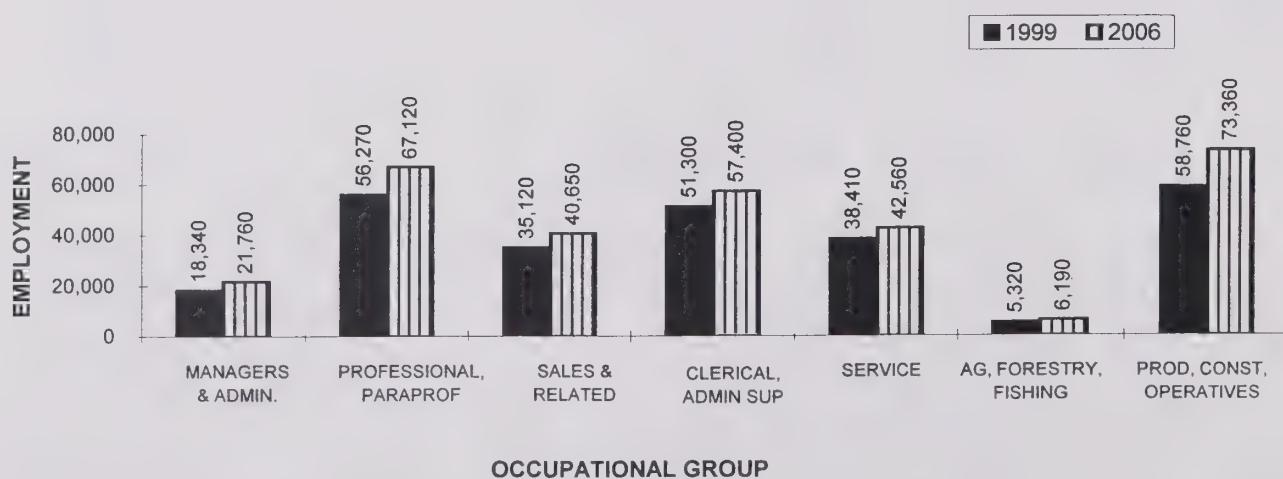
(2) March 2000 benchmark.

**Table 3**  
**Employment by Major Occupational Group**  
**1999 - 2006 Annual Averages**  
**VENTURA COUNTY**

OCCUPATIONAL GROUP	1999	PERCENT OF TOTAL	2006	PERCENT OF TOTAL	ABSOLUTE CHANGE	PERCENT CHANGE
TOTAL, ALL OCCUPATIONS (1)	263,600	100.0%	309,100	100.0%	45,500	17.3%
MANAGERS AND ADMIN OCCUPATIONS	18,340	7.0%	21,760	7.0%	3,420	18.6%
PROFESSIONAL, PARAPROF, TECHNICAL	56,270	21.3%	67,120	21.7%	10,850	19.3%
SALES AND RELATED OCCUPATIONS	35,120	13.3%	40,650	13.2%	5,530	15.7%
CLERICAL, ADMINISTRATIVE SUPPORT	51,300	19.5%	57,400	18.6%	6,100	11.9%
SERVICE OCCUPATIONS	38,410	14.6%	42,560	13.8%	4,150	10.8%
AGRICULTURAL, FORESTRY, FISHING	5,320	2.0%	6,190	2.0%	870	16.4%
PROD, CONST, OPER, MAT HANDLING	58,760	22.3%	73,360	23.7%	14,600	24.8%

(1) Total is based on the March 2000 benchmark.

**Occupational Chart**  
**Employment by Major Occupational Group**  
**VENTURA COUNTY 1999 - 2006**



**Table 4**  
**Occupations With The Greatest Absolute Job Growth (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
49011	SALESPERSONS, RETAIL	9,780	11,180	1,400	14.3	11	SHORT-TERM ON-THE-JOB TRAINING
19005	GENERAL MANAGERS, TOP EXECUTIVES	7,320	8,590	1,270	17.3	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
55347	GENERAL OFFICE CLERKS	8,150	9,170	1,020	12.5	11	SHORT-TERM ON-THE-JOB TRAINING
31305	TEACHERS--ELEMENTARY SCHOOL	5,190	6,100	910	17.5	5	BACHELOR'S DEGREE
49023	CASHIERS	6,150	7,060	910	14.8	11	SHORT-TERM ON-THE-JOB TRAINING
93956	ASSEMB, FABRICATORS--EX MACH,ELECTRICAL	3,120	4,030	910	29.2	11	SHORT-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	2,680	3,370	690	25.7	5	BACHELOR'S DEGREE
79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	3,860	4,500	640	16.6	11	SHORT-TERM ON-THE-JOB TRAINING
98902	HAND PACKERS AND PACKAGERS	2,110	2,750	640	30.3	11	SHORT-TERM ON-THE-JOB TRAINING
31521	TEACHER AIDES, PARAPROFESSIONAL	1,840	2,460	620	33.7	6	ASSOCIATE DEGREE
87102	CARPENTERS	1,790	2,400	610	34.1	9	LONG-TERM ON-THE-JOB TRAINING
67005	JANITORS, CLEANERS--EXCEPT MAIDS	3,610	4,170	560	15.5	11	SHORT-TERM ON-THE-JOB TRAINING
97105	TRUCK DRIVERS, LIGHT	2,160	2,710	550	25.5	11	SHORT-TERM ON-THE-JOB TRAINING
55305	RECEPTIONISTS, INFORMATION CLERKS	2,920	3,430	510	17.5	11	SHORT-TERM ON-THE-JOB TRAINING
25104	COMPUTER SUPPORT SPECIALISTS	860	1,330	470	54.7	5	BACHELOR'S DEGREE
22127	COMPUTER ENGINEERS	890	1,340	450	50.6	5	BACHELOR'S DEGREE
65008	WAITERS AND WAITRESSES	4,000	4,420	420	10.5	11	SHORT-TERM ON-THE-JOB TRAINING
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSOR	810	1,210	400	49.4	5	BACHELOR'S DEGREE
13017	ENGINEER, MATH, AND NAT SCI MGRS	1,010	1,400	390	38.6	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	2,030	2,420	390	19.2	11	SHORT-TERM ON-THE-JOB TRAINING
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	1,720	2,100	380	22.1	11	SHORT-TERM ON-THE-JOB TRAINING
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	2,130	2,500	370	17.4	10	MODERATE-TERM ON-THE-JOB TRAINING
63047	GUARDS AND WATCH GUARDS	1,410	1,780	370	26.2	11	SHORT-TERM ON-THE-JOB TRAINING
81008	FIRST-LINE SUP/MGR-PRODUCTION	1,080	1,450	370	34.3	8	WORK EXPERIENCE
87202	ELECTRICIANS	1,010	1,370	360	35.6	9	LONG-TERM ON-THE-JOB TRAINING
87402	PAINTERS, PAPERHANGERS--CONSTRUCTION	920	1,280	360	39.1	10	MODERATE-TERM ON-THE-JOB TRAINING
13011	MKTNG, ADV, PUB-REL MANAGERS	1,330	1,680	350	26.3	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
97102	TRUCK DRIVERS, HEAVY	1,420	1,760	340	23.9	11	SHORT-TERM ON-THE-JOB TRAINING
55108	SECRETARIES, GENERAL	4,820	5,140	320	6.6	7	POST-SECONDARY VOCATIONAL EDUCATION
49026	TELEMARKETERS, SOLICITORS & RELATED	950	1,260	310	32.6	11	SHORT-TERM ON-THE-JOB TRAINING

**Table 4**  
**Occupations With The Greatest Absolute Job Growth (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
93905	ELECTRICAL, ELECTRONIC ASSEMBLERS	1,070	1,370	300	28.0	11	SHORT-TERM ON-THE-JOB TRAINING
58028	TRAFFIC, SHIPPING, RECEIVING CLKS	2,340	2,630	290	12.4	11	SHORT-TERM ON-THE-JOB TRAINING
13002	FINANCIAL MANAGERS	1,640	1,920	280	17.1	4	WORK EXP. PLUS A BACHELOR'S OR HIGHER
49005	SALES REPS, SCIENTIFIC--EX RETAIL	970	1,250	280	28.9	10	MODERATE-TERM ON-THE-JOB TRAINING
22126	ELECT AND ELECTRONIC ENGINEERS	2,330	2,600	270	11.6	5	BACHELOR'S DEGREE
65026	COOKS--RESTAURANT	2,170	2,440	270	12.4	9	LONG-TERM ON-THE-JOB TRAINING
24105	CHEMISTS, EXCEPT BIOCHEMISTS	460	720	260	56.5	5	BACHELOR'S DEGREE
55323	ORDER CLERKS--MATERIALS, SERVICE	1,380	1,640	260	18.8	11	SHORT-TERM ON-THE-JOB TRAINING
31311	TEACHERS--SPECIAL EDUCATION	740	990	250	33.8	5	BACHELOR'S DEGREE
32502	REGISTERED NURSES	3,170	3,420	250	7.9	6	ASSOCIATE DEGREE
65041	COMBINED FOOD PREP AND SERVICE	3,620	3,870	250	6.9	11	SHORT-TERM ON-THE-JOB TRAINING
49017	COUNTER AND RENTAL CLERKS	1,190	1,430	240	20.2	11	SHORT-TERM ON-THE-JOB TRAINING
65038	FOOD PREPARATION WORKERS	3,130	3,370	240	7.7	11	SHORT-TERM ON-THE-JOB TRAINING
85132	MAINT REPAIRERS, GENL UTILITY	1,970	2,210	240	12.2	9	LONG-TERM ON-THE-JOB TRAINING
91502	NUMERICAL MACH TOOL OPS--MET, PLASTIC	480	720	240	50.0	10	MODERATE-TERM ON-THE-JOB TRAINING
81005	FIRST-LINE SUP/MGR-CONSTRUCTION	700	930	230	32.9	8	WORK EXPERIENCE
92974	PACKAGING, FILLING MACH OPS, TNDRS	610	840	230	37.7	10	MODERATE-TERM ON-THE-JOB TRAINING
15017	CONSTRUCTION MANAGERS	560	780	220	39.3	5	BACHELOR'S DEGREE
68038	CHILD CARE WORKERS	1,260	1,480	220	17.5	11	SHORT-TERM ON-THE-JOB TRAINING
93114	ELECTRICAL EQUIP ASSEMBLERS--PREC	670	890	220	32.8	8	WORK EXPERIENCE
TOTAL OF THESE OCCUPATIONS		117,530	139,860	22,330	19.0		

(1) Excludes not elsewhere classified (NEC) categories.

(2) March 2000 Benchmark

**Table 5**  
**Occupations With The Fastest Job Growth (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
24308	BIOLOGICAL SCIENTISTS	200	330	130	65.0	2	DOCTORAL DEGREE
85123	MILLWRIGHTS	130	210	80	61.5	9	LONG-TERM ON-THE-JOB TRAINING
91905	PLASTIC MOLDING, CASTING MACH OPS	220	350	130	59.1	10	MODERATE-TERM ON-THE-JOB TRAINING
24505	CHEM TECHS--EXCEPT HEALTH	170	270	100	58.8	6	ASSOCIATE DEGREE
92935	CHEMICAL EQUIP CONTROLLERS, OPS	170	270	100	58.8	10	MODERATE-TERM ON-THE-JOB TRAINING
24105	CHEMISTS, EXCEPT BIOCHEMISTS	460	720	260	56.5	5	BACHELOR'S DEGREE
91902	PLAST MOLDING, CASTING MACH SETTER	160	250	90	56.3	10	MODERATE-TERM ON-THE-JOB TRAINING
25104	COMPUTER SUPPORT SPECIALISTS	860	1,330	470	54.7	5	BACHELOR'S DEGREE
22508	INDUST ENGINEERING TECHS	150	230	80	53.3	6	ASSOCIATE DEGREE
22127	COMPUTER ENGINEERS	890	1,340	450	50.6	5	BACHELOR'S DEGREE
91502	NUMERICAL MACH TOOL OPS--MET, PLASTIC	480	720	240	50.0	10	MODERATE-TERM ON-THE-JOB TRAINING
87317	PLASTERERS AND STUCCO MASONS	220	330	110	50.0	9	LONG-TERM ON-THE-JOB TRAINING
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSOR	810	1,210	400	49.4	5	BACHELOR'S DEGREE
87302	BRICK MASONS	170	250	80	47.1	9	LONG-TERM ON-THE-JOB TRAINING
87108	DRYWALL INSTALLERS	350	510	160	45.7	10	MODERATE-TERM ON-THE-JOB TRAINING
97956	OPERATING ENGINEERS	400	560	160	40.0	10	MODERATE-TERM ON-THE-JOB TRAINING
89102	TOOL AND DIE MAKERS	200	280	80	40.0	9	LONG-TERM ON-THE-JOB TRAINING
15017	CONSTRUCTION MANAGERS	560	780	220	39.3	5	BACHELOR'S DEGREE
87402	PAINTERS, PAPERHANGERS--CONSTRUCTION	920	1,280	360	39.1	10	MODERATE-TERM ON-THE-JOB TRAINING
32314	SPEECH PATHOLOGISTS, AUDIOLOGISTS	180	250	70	38.9	3	MASTER'S DEGREE
13017	ENGINEER, MATH, AND NAT SCI MGRS	1,010	1,400	390	38.6	4	WORK EXP., PLUS A BACHELOR'S OR HIGHER
87111	TAPERS	340	470	130	38.2	10	MODERATE-TERM ON-THE-JOB TRAINING
87311	CONCRETE AND TERRAZZO FINISHERS	340	470	130	38.2	9	LONG-TERM ON-THE-JOB TRAINING
92974	PACKAGING, FILLING MACH OPS, TNDRS	610	840	230	37.7	10	MODERATE-TERM ON-THE-JOB TRAINING
87508	PIPELAYERS	160	220	60	37.5	10	MODERATE-TERM ON-THE-JOB TRAINING
97923	EXCAVATING, LOADING MACHINE OPS	160	220	60	37.5	10	MODERATE-TERM ON-THE-JOB TRAINING
97938	GRADER, DOZER, SCRAPER OPERATORS	160	220	60	37.5	10	MODERATE-TERM ON-THE-JOB TRAINING
85902	HEATING, AC, REFRIG MECHANICS	430	590	160	37.2	9	LONG-TERM ON-THE-JOB TRAINING
56005	DUPLICATING MACHINE OPERATORS	460	630	170	37.0	11	SHORT-TERM ON-THE-JOB TRAINING
98312	HELPERS--CARPENTERS AND RELATED	250	340	90	36.0	11	SHORT-TERM ON-THE-JOB TRAINING

**Table 5**  
**Occupations With The Fastest Job Growth (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
		1999(2)	2006				
87202	ELECTRICIANS	1,010	1,370	360	35.6	9	LONG-TERM ON-THE-JOB TRAINING
87808	ROOFERS	310	420	110	35.5	10	MODERATE-TERM ON-THE-JOB TRAINING
67008	PEST CONTROLLERS AND ASSISTANTS	170	230	60	35.3	10	MODERATE-TERM ON-THE-JOB TRAINING
87308	HARD TILE SETTERS	170	230	60	35.3	9	LONG-TERM ON-THE-JOB TRAINING
98315	HELPERS--PLUMBERS AND RELATED	170	230	60	35.3	11	SHORT-TERM ON-THE-JOB TRAINING
85314	MOBILE HEAVY EQUIP MECH--EX ENGINE	200	270	70	35.0	9	LONG-TERM ON-THE-JOB TRAINING
87708	PAVING, TAMPING-EQUIP OPERATORS	200	270	70	35.0	10	MODERATE-TERM ON-THE-JOB TRAINING
81008	FIRST-LINE SUP/MGR-PRODUCTION	1,080	1,450	370	34.3	8	WORK EXPERIENCE
87102	CARPENTERS	1,790	2,400	610	34.1	9	LONG-TERM ON-THE-JOB TRAINING
31311	TEACHERS--SPECIAL EDUCATION	740	990	250	33.8	5	BACHELOR'S DEGREE
31521	TEACHER AIDES, PARAPROFESSIONAL	1,840	2,460	620	33.7	6	ASSOCIATE DEGREE
87602	CARPET INSTALLERS	240	320	80	33.3	10	MODERATE-TERM ON-THE-JOB TRAINING
98313	HELPERS--ELECT, POWERLINE INSTALL	240	320	80	33.3	11	SHORT-TERM ON-THE-JOB TRAINING
53311	INSURANCE CLAIMS CLERKS	210	280	70	33.3	10	MODERATE-TERM ON-THE-JOB TRAINING
32302	RESPIRATORY CARE PRACTITIONERS	150	200	50	33.3	6	ASSOCIATE DEGREE
34041	INTERIOR DESIGNERS	150	200	50	33.3	5	BACHELOR'S DEGREE
81005	FIRST-LINE SUP/MGR-CONSTRUCTION	700	930	230	32.9	8	WORK EXPERIENCE
93114	ELECTRICAL EQUIP ASSEMBLERS--PREC	670	890	220	32.8	8	WORK EXPERIENCE
49026	TELEMARKETERS, SOLICITORS & RELATED	950	1,260	310	32.6	11	SHORT-TERM ON-THE-JOB TRAINING
53123	ADJUSTMENT CLERKS	620	820	200	32.3	11	SHORT-TERM ON-THE-JOB TRAINING
TOTAL OF THESE OCCUPATIONS		23,230	32,410	9,180	39.5		

(1) Excludes not elsewhere classified (NEC) categories and occupations of less than 200 in 2006.

(2) March 2000 Benchmark

**Table 6**  
**Occupational Employment Projections (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999(2)	2006					
1		TOTAL, ALL OCCUPATIONS	263,600	309,100	45,500	17.3	48,790		
2	10000	MGRS AND ADMIN OCCUPATIONS	18,340	21,760	3,420	18.6	2,450		
3	13002	FINANCIAL MANAGERS	1,640	1,920	280	17.1	190	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
4	13005	PERS, TRAINING, LABOR-REL MGRS	450	550	100	22.2	80	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
5	13008	PURCHASING MANAGERS	340	390	50	14.7	60	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
6	13011	MKTNG, ADV, PUB-REL MANAGERS	1,330	1,680	350	26.3	140	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
7	13014	ADMINISTRATIVE SERVICES MANAGERS	890	1,020	130	14.6	120	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
8	13017	ENGINEER, MATH, AND NAT SCI MGRS	1,010	1,400	390	38.6	150	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
10	15005	EDUCATION ADMINISTRATORS	890	1,060	170	19.1	170	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
11	15008	MEDICINE, HEALTH SERVICES MGRS	370	440	70	18.9	50	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
12	15011	PROPERTY AND REAL ESTATE MANAGERS	100	130	30	30.0	10	5	BACHELOR'S DEGREE
13	15014	INDUSTRIAL PRODUCTION MANAGERS	550	700	150	27.3	80	5	BACHELOR'S DEGREE
14	15017	CONSTRUCTION MANAGERS	560	780	220	39.3	80	5	BACHELOR'S DEGREE
16	15023	COMM, TRANS, UTIL OPER MGRS	320	340	20	6.3	40	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
17	15026	FOOD SERVICE AND LODGING MANAGERS	520	570	50	9.6	70	8	WORK EXPERIENCE
19	15032	LAWN SERVICE MANAGER	80	90	10	12.5	0	8	WORK EXPERIENCE
20	19002	PUB ADMIN CHIEF EXECS, LEGISLATORS	120	120	0	0.0	20	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
21	19005	GENERAL MANAGERS, TOP EXECUTIVES	7,320	8,590	1,270	17.3	960	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
22	19999	MANAGERS AND ADMINISTRATORS, NEC	1,850	1,980	130	7.0	230	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
23	20000	PROFESSIONAL, PARAPROF, TECHNICAL	56,270	67,120	10,850	19.3	8,550		
24	21000	MANAGEMENT SUPPORT OCCUPATIONS	6,590	7,620	1,030	15.6	980		

**Table 6**  
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LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999(2)	2006					
25	21100	ACCOUNTANTS, AUDIT, FINANCE SPECS	2,370	2,740	370	15.6	330	5	BACHELOR'S DEGREE
26	21102	UNDERWRITERS	160	180	20	12.5	30	5	BACHELOR'S DEGREE
27	21105	CREDIT ANALYSTS	80	80	0	0.0	10	5	BACHELOR'S DEGREE
29	21111	TAX PREPARERS	90	120	30	33.3	20	11	SHORT-TERM ON-THE-JOB TRAINING
30	21114	ACCOUNTANTS AND AUDITORS	1,420	1,590	170	12.0	160	5	BACHELOR'S DEGREE
31	21117	BUDGET ANALYSTS	190	210	20	10.5	30	5	BACHELOR'S DEGREE
32	21199	FINANCIAL SPECIALISTS, NEC	430	560	130	30.2	80	5	BACHELOR'S DEGREE
33	21300	PURCHASING AGENTS AND BUYERS	680	770	90	13.2	130		
34	21302	WHLE AND RET BUYERS--EX FARM PRODS	140	150	10	7.1	30	5	BACHELOR'S DEGREE
36	21308	PURCH AGTS--EX WHLE,RET,FARM PRODS	540	620	80	14.8	100	5	BACHELOR'S DEGREE
37	21500	PERS, TRAINING, LAB-REL SPECS	600	690	90	15.0	120		
40	21508	EMPL INTERVIEWERS--PRIV OR PUB	60	60	0	0.0	10	5	BACHELOR'S DEGREE
41	21511	PERS, TRAINING, LAB-REL SPECS, NEC	540	630	90	16.7	110	5	BACHELOR'S DEGREE
42	21900	OTHER MANAGEMENT SUPPORT WORKERS	2,940	3,420	480	16.3	400		
43	21902	COST ESTIMATORS	260	340	80	30.8	30	8	WORK EXPERIENCE
44	21905	MANAGEMENT ANALYSTS	280	320	40	14.3	20	3	MASTER'S DEGREE
45	21908	CONST AND BUILDING INSPECTORS	100	100	0	0.0	20	8	WORK EXPERIENCE
46	21911	COMPL, ENFORCE INSPECT--EX CONST	490	590	100	20.4	70	8	WORK EXPERIENCE
47	21914	TAX EXAMINERS, COLLECT, REV AGENTS	80	90	10	12.5	10	5	BACHELOR'S DEGREE
48	21917	ASSESSORS	50	50	0	0.0	10	5	BACHELOR'S DEGREE
49	21921	CLAIMS EXAMINERS--INSURANCE	120	140	20	16.7	20	5	BACHELOR'S DEGREE
50	21999	MANAGEMENT SUPPORT WORKERS, NEC	1,560	1,790	230	14.7	220	5	BACHELOR'S DEGREE
51	22000	ENGINEERS, ARCHITECTS, SURVEYORS	10,260	11,980	1,720	16.8	1,620		
52	22100	ENGINEERS	6,200	7,330	1,130	18.2	930		

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			1999(2)	2006					
53	22102	AERONAUT, ASTRONAUTICAL ENGINEERS	160	130	-30	-18.8	20	5	BACHELOR'S DEGREE
57	22114	CHEMICAL ENGINEERS	90	120	30	33.3	20	5	BACHELOR'S DEGREE
59	22121	CIVIL ENGINEERS--INCLUDING TRAFFIC	480	520	40	8.3	70	5	BACHELOR'S DEGREE
61	22126	ELECT AND ELECTRONIC ENGINEERS	2,330	2,600	270	11.6	360	5	BACHELOR'S DEGREE
62	22127	COMPUTER ENGINEERS	890	1,340	450	50.6	50	5	BACHELOR'S DEGREE
63	22128	INDUST ENGINEERS--EXCEPT SAFETY	150	180	30	20.0	20	5	BACHELOR'S DEGREE
65	22135	MECHANICAL ENGINEERS	1,000	1,160	160	16.0	150	5	BACHELOR'S DEGREE
67	22199	ENGINEERS, NEC	1,100	1,280	180	16.4	240	5	BACHELOR'S DEGREE
68	22300	ARCHITECTS AND SURVEYORS	130	150	20	15.4	10		
69	22302	ARCHITECTS--EX LANDSCAPE, MARINE	130	150	20	15.4	10	5	BACHELOR'S DEGREE
73	22500	ENGINEERING, RELATED TECHNICIANS	3,930	4,500	570	14.5	680		
74	22502	CIVIL ENGINEERING TECHNICIANS	120	130	10	8.3	20	6	ASSOCIATE DEGREE
75	22505	ELECT, ELECTRONIC ENGINEERING TECH	1,550	1,760	210	13.5	240	6	ASSOCIATE DEGREE
76	22508	INDUST ENGINEERING TECHS	150	230	80	53.3	30	6	ASSOCIATE DEGREE
77	22511	MECHANICAL ENGINEERING TECHS	250	260	10	4.0	40	6	ASSOCIATE DEGREE
78	22514	DRAFTERS	740	820	80	10.8	130	7	POST-SECONDARY VOCATIONAL EDUCATION
80	22521	SURVEYING AND MAPPING TECHS	70	80	10	14.3	10	7	POST-SECONDARY VOCATIONAL EDUCATION
81	22599	ENGINEERING, RELATED TECHS, NEC	1,050	1,220	170	16.2	210	6	ASSOCIATE DEGREE
82	24000	NAT SCIENTISTS AND RELATED WORKERS	1,200	1,830	630	52.5	250		
83	24100	PHYSICAL SCIENTISTS	710	1,000	290	40.8	140		
85	24105	CHEMISTS, EXCEPT BIOCHEMISTS	460	720	260	56.5	90	5	BACHELOR'S DEGREE
87	24111	GEOLOGIST, GEOPHYS, OCEANOGRAPHERS	150	170	20	13.3	30	5	BACHELOR'S DEGREE
88	24199	PHYSICAL SCIENTISTS, NEC	100	110	10	10.0	20	5	BACHELOR'S DEGREE
89	24300	LIFE SCIENTISTS	200	330	130	65.0	40		

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LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999(2)	2006					
92	24308	BIOLOGICAL SCIENTISTS	200	330	130	65.0	40	2	DOCTORAL DEGREE
95	24500	PHYSICAL, LIFE SCIENCE TECHS	290	500	210	72.4	70		
97	24505	CHEM TECHS--EXCEPT HEALTH	170	270	100	58.8	40	6	ASSOCIATE DEGREE
100	24599	PHYSICAL, LIFE SCIENCE TECHS, NEC	120	230	110	91.7	30	6	ASSOCIATE DEGREE
101	25000	COMPUTER, MATH, OPS RESRCH, RELATED	3,250	4,360	1,110	34.2	400		
102	25100	COMPUTER SCIENTISTS AND RELATED	3,110	4,190	1,080	34.7	380		
103	25102	SYSTEMS ANALYSTS--ELEC DATA PROC	810	1,210	400	49.4	40	5	BACHELOR'S DEGREE
104	25103	DATA BASE ADMINISTRATORS	160	210	50	31.3	20	5	BACHELOR'S DEGREE
105	25104	COMPUTER SUPPORT SPECIALISTS	860	1,330	470	54.7	50	5	BACHELOR'S DEGREE
106	25105	COMPUTER PROGRAMMERS	1,020	1,110	90	8.8	230	5	BACHELOR'S DEGREE
107	25108	COMPUTER PROGRAMMER AIDES	150	160	10	6.7	30	5	BACHELOR'S DEGREE
109	25199	COMPUTER SCIENTISTS, REL WRKRS,NEC	110	170	60	54.5	10	5	BACHELOR'S DEGREE
110	25300	MATH SCIENTISTS AND RELATED	140	170	30	21.4	20		
111	25302	OPS, SYS RESEARCHERS--EX COMPUTER	50	70	20	40.0	10	3	MASTER'S DEGREE
115	25315	FINANCIAL ANALYSTS, STATISTICAL	90	100	10	11.1	10	5	BACHELOR'S DEGREE
118	27000	SOCIAL SCI, RECREATION, RELIGIOUS	2,810	3,140	330	11.7	410		
119	27100	SOCIAL SCI--INCL URBAN, REG PLNERS	540	590	50	9.3	80		
120	27102	ECONOMISTS--INCL MKT RESRCH ANALYS	90	90	0	0.0	10	5	BACHELOR'S DEGREE
121	27105	URBAN AND REGIONAL PLANNERS	50	50	0	0.0	10	3	MASTER'S DEGREE
122	27108	PSYCHOLOGISTS	190	220	30	15.8	30	3	MASTER'S DEGREE
123	27199	SOCIAL SCIENTISTS, NEC	210	230	20	9.5	30	3	MASTER'S DEGREE

**Table 6**  
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			1999(2)	2006					
124	27300	OTH SOCIAL SCIENCE RELATED WORKERS	1,880	2,110	230	12.2	280		
125	27302	SOCIAL WORKERS--MED, PSYCHIATRIC	310	360	50	16.1	30	3	MASTER'S DEGREE
126	27305	SOCIAL WKRS--EX MED, PSYCHIATRIC	420	470	50	11.9	40	5	BACHELOR'S DEGREE
127	27307	RESIDENTIAL COUNSELORS	360	410	50	13.9	60	5	BACHELOR'S DEGREE
128	27308	HUMAN SERVICES WORKERS	200	250	50	25.0	40	10	MODERATE-TERM ON-THE-JOB TRAINING
129	27311	RECREATION WORKERS	590	620	30	5.1	110	5	BACHELOR'S DEGREE
130	27500	RELIGIOUS WORKERS	390	440	50	12.8	50		
131	27502	CLERGY	210	230	20	9.5	30	1	FIRST PROFESSIONAL DEGREE
132	27505	DIRECTORS--RELIG ACTIVITIES, EDUC	180	210	30	16.7	20	5	BACHELOR'S DEGREE
134	28000	LAW AND RELATED OCCUPATIONS	940	1,080	140	14.9	70		
135	28100	LAWYERS AND RELATED WORKERS	600	650	50	8.3	50		
137	28105	ADJUDICATORS, JUDICIAL REVIEWERS	90	80	-10	-11.1	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
138	28108	LAWYERS	510	570	60	11.8	40	1	FIRST PROFESSIONAL DEGREE
139	28300	LEGAL ASSTS, TECHS, EX CLERICAL	340	430	90	26.5	20		
140	28302	LAW CLERKS	50	50	0	0.0	0	6	ASSOCIATE DEGREE
141	28305	PARALEGAL PERSONNEL	130	190	60	46.2	10	6	ASSOCIATE DEGREE
143	28311	TITLE EXAMINERS AND ABSTRACTORS	50	50	0	0.0	0	10	MODERATE-TERM ON-THE-JOB TRAINING
144	28399	LEGAL ASSTS, TECHS--EX CLER, NEC	110	140	30	27.3	10	6	ASSOCIATE DEGREE
145	31000	TEACHERS, EDUCATORS, LIBRARIANS	15,500	18,930	3,430	22.1	2,420		
146	31100	POSTSECONDARY TEACHERS	430	590	160	37.2	100		
158	31214	ENGLISH LANG & LIT TEACHERS, POSTS	130	180	50	38.5	30	2	DOCTORAL DEGREE
160	31218	ART, DRAMA, MUSIC TEACHERS, POSTSE	70	90	20	28.6	20	2	DOCTORAL DEGREE

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			1999(2)	2006					
163	31224	MATHEMATICAL SCIENCES TEACHERS, PO	100	140	40	40.0	20	2	DOCTORAL DEGREE
174	31242	BUSINESS TEACHERS, POSTSECONDARY	80	110	30	37.5	20	2	DOCTORAL DEGREE
175	31244	LAW TEACHERS, POSTSECONDARY	50	70	20	40.0	10	2	DOCTORAL DEGREE
184	31300	OTHER TEACHERS AND INSTRUCTORS	12,530	15,070	2,540	20.3	2,040		
185	31303	TEACHERS, PRESCHOOL	650	740	90	13.8	100	5	BACHELOR'S DEGREE
186	31304	TEACHERS, KINDERGARTEN	670	780	110	16.4	110	5	BACHELOR'S DEGREE
187	31305	TEACHERS--ELEMENTARY SCHOOL	5,190	6,100	910	17.5	900	5	BACHELOR'S DEGREE
188	31308	TEACHERS--SECONDARY SCHOOL	2,680	3,370	690	25.7	670	5	BACHELOR'S DEGREE
189	31311	TEACHERS--SPECIAL EDUCATION	740	990	250	33.8	50	5	BACHELOR'S DEGREE
190	31314	TEACHERS--VOC ED AND TRAINING	650	750	100	15.4	50	8	WORK EXPERIENCE
191	31317	INSTRUCTORS--NON-VOC EDUCATION	390	480	90	23.1	30	8	WORK EXPERIENCE
192	31321	INSTRUCTORS AND COACHES--SPORTS	1,210	1,410	200	16.5	100	10	MODERATE-TERM ON-THE-JOB TRAINING
194	31399	TEACHERS AND INSTRUCTORS, NEC	350	450	100	28.6	30	3	MASTER'S DEGREE
195	31500	LIBRARIANS, ARCHIVISTS AND RELATED	2,540	3,270	730	28.7	280		
196	31502	LIBRARIANS--PROFESSIONAL	170	180	10	5.9	30	3	MASTER'S DEGREE
197	31505	TECHNICAL ASSISTANTS--LIBRARY	110	130	20	18.2	20	11	SHORT-TERM ON-THE-JOB TRAINING
200	31514	VOCATIONAL & EDUCATIONAL COUNSELOR	310	360	50	16.1	50	3	MASTER'S DEGREE
201	31517	INSTRUCTIONAL COORDINATORS	110	140	30	27.3	10	5	BACHELOR'S DEGREE
202	31521	TEACHER AIDES, PARAPROFESSIONAL	1,840	2,460	620	33.7	170	6	ASSOCIATE DEGREE
203	32000	HEALTH PRACTITIONERS, TECHS, RELAT	8,650	9,550	900	10.4	1,180		
204	32100	HEALTH DIAGNOSING, TREATING	790	840	50	6.3	90		
205	32102	PHYSICIANS AND SURGEONS	520	560	40	7.7	60	1	FIRST PROFESSIONAL DEGREE
206	32105	DENTISTS	100	100	0	0.0	10	1	FIRST PROFESSIONAL DEGREE
207	32108	OPTOMETRISTS	90	80	-10	-11.1	10	1	FIRST PROFESSIONAL DEGREE
210	32114	VETS AND VETERINARY INSPECTORS	80	100	20	25.0	10	1	FIRST PROFESSIONAL DEGREE

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			1999(2)	2006					
212	32300	THERAPISTS	610	750	140	23.0	70	6	ASSOCIATE DEGREE
213	32302	RESPIRATORY CARE PRACTITIONERS	150	200	50	33.3	20	5	BACHELOR'S DEGREE
214	32305	OCCUPATIONAL THERAPISTS	80	90	10	12.5	10	5	BACHELOR'S DEGREE
215	32308	PHYSICAL THERAPISTS	200	210	10	5.0	20	5	BACHELOR'S DEGREE
217	32314	SPEECH PATHOLOGISTS, AUDIOLOGISTS	180	250	70	38.9	20	3	MASTER'S DEGREE
220	32500	HEALTH CARE MAINTENANCE, TREATING	5,210	5,640	430	8.3	710		
221	32502	REGISTERED NURSES	3,170	3,420	250	7.9	370	6	ASSOCIATE DEGREE
222	32505	LICENSED VOCATIONAL NURSES	910	930	20	2.2	140	7	POST-SECONDARY VOCATIONAL EDUCATION
223	32508	EMERGENCY MEDICAL TECHNICIANS	160	200	40	25.0	30	7	POST-SECONDARY VOCATIONAL EDUCATION
224	32511	PHYSICIAN'S ASSISTANTS	100	110	10	10.0	10	5	BACHELOR'S DEGREE
225	32514	OPTICIANS--DISPENSING, MEASURING	100	100	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
226	32517	PHARMACISTS	350	390	40	11.4	70	5	BACHELOR'S DEGREE
227	32518	PHARMACY TECHNICIANS	290	360	70	24.1	60	10	MODERATE-TERM ON-THE-JOB TRAINING
228	32521	DIETITIANS AND NUTRITIONISTS	130	130	0	0.0	20	5	BACHELOR'S DEGREE
230	32900	OTHER HEALTH PROFS, PARAPROFS	2,040	2,320	280	13.7	310		
231	32902	MED, CLINICAL LAB TECHNOLOGISTS	100	100	0	0.0	10	5	BACHELOR'S DEGREE
232	32905	MED, CLINICAL LAB ASSISTANTS	160	160	0	0.0	10	6	ASSOCIATE DEGREE
233	32908	DENTAL HYGIENISTS	320	350	30	9.4	50	6	ASSOCIATE DEGREE
234	32911	MEDICAL RECORDS TECHNICIANS	180	220	40	22.2	30	6	ASSOCIATE DEGREE
237	32919	RADIOLOGIC TECHNOLOGISTS	310	330	20	6.5	30	6	ASSOCIATE DEGREE
241	32928	SURGICAL TECHNICIANS	110	160	50	45.5	20	7	POST-SECONDARY VOCATIONAL EDUCATION
243	32951	VETERINARY TECHNICIANS	170	180	10	5.9	30	6	ASSOCIATE DEGREE
244	32999	HEALTH CARE PROFS, PARAPROFS, NEC	690	820	130	18.8	130	6	ASSOCIATE DEGREE
245	34000	WRITERS, ARTISTS, ENTER, ATHLETES	2,140	2,550	410	19.2	320		
246	34002	WRITERS AND EDITORS	130	160	30	23.1	30	5	BACHELOR'S DEGREE

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			1999(2)	2006					
247	34005	TECHNICAL WRITERS	160	180	20	12.5	30	5	BACHELOR'S DEGREE
248	34008	PUB REL SPECS, PUBLICITY WRITERS	110	140	30	27.3	20	5	BACHELOR'S DEGREE
249	34011	REPORTERS AND CORRESPONDENTS	90	90	0	0.0	20	5	BACHELOR'S DEGREE
251	34017	ANNOUNCERS--RADIO AND TELEVISION	60	60	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
253	34023	PHOTOGRAPHERS	130	140	10	7.7	10	10	MODERATE-TERM ON-THE-JOB TRAINING
255	34028	BROADCAST TECHNICIANS	180	210	30	16.7	40	7	POST-SECONDARY VOCATIONAL EDUCATION
257	34035	ARTISTS AND RELATED WORKERS	270	330	60	22.2	40	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
258	34038	DESIGNERS, EX INTERIOR DESIGNERS	460	590	130	28.3	50	5	BACHELOR'S DEGREE
259	34041	INTERIOR DESIGNERS	150	200	50	33.3	20	5	BACHELOR'S DEGREE
260	34044	MERCH DISPLAYERS, WINDOW TRIMMERS	80	90	10	12.5	10	5	BACHELOR'S DEGREE
261	34047	MUSIC DIRECTORS, SINGERS, COMPOSERS	80	90	10	12.5	10	9	LONG-TERM ON-THE-JOB TRAINING
262	34051	MUSICIANS--INSTRUMENTAL	90	100	10	11.1	10	9	LONG-TERM ON-THE-JOB TRAINING
264	34056	PRODUCERS, DIRECTORS, ACTORS	150	170	20	13.3	20	9	LONG-TERM ON-THE-JOB TRAINING
266	39000	MISC PROFS, PARAPROFS, TECHNICAL	4,930	6,080	1,150	23.3	900		
272	39999	OTHER PROF, PARAPROF, TECHNICAL	4,930	6,080	1,150	23.3	900	5	BACHELOR'S DEGREE
273	40000	SALES AND RELATED OCCUPATIONS	35,120	40,650	5,530	15.7	7,870		
274	41000	FIRST-LINE SUP/MGR--SALES	4,300	5,070	770	17.9	420	8	WORK EXPERIENCE
275	43000	SALES AGENTS--SERVICE	2,640	3,160	520	19.7	440		
276	43002	SALES AGENTS, PLACERS--INSURANCE	570	680	110	19.3	100	9	LONG-TERM ON-THE-JOB TRAINING
279	43011	APPRAISERS--REAL ESTATE	100	100	0	0.0	10	8	WORK EXPERIENCE
280	43014	SALES AGENTS--FINANCIAL SERVICES	210	240	30	14.3	10	9	LONG-TERM ON-THE-JOB TRAINING
281	43017	SALES AGENTS--SEL BUS SERVICES	850	1,030	180	21.2	140	10	MODERATE-TERM ON-THE-JOB TRAINING

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			1999(2)	2006					
282	43021	TRAVEL AGENTS	530	650	120	22.6	90	7	POST-SECONDARY VOCATIONAL EDUCATION
283	43023	SALES AGENTS--ADVERTISING	200	240	40	20.0	40	10	MODERATE-TERM ON-THE-JOB TRAINING
284	43099	SALES REPS, SERVICE--NEC	180	220	40	22.2	50	10	MODERATE-TERM ON-THE-JOB TRAINING
285	49000	MERCH, PRODUCTS AND OTHER SALES	28,180	32,420	4,240	15.0	7,010		
286	49002	SALES ENGINEERS	140	170	30	21.4	20	5	BACHELOR'S DEGREE
287	49005	SALES REPS, SCIENTIFIC--EX RETAIL	970	1,250	280	28.9	190	10	MODERATE-TERM ON-THE-JOB TRAINING
288	49008	SALES REPS, NON-SCIENTIFIC EX RET	2,130	2,500	370	17.4	390	10	MODERATE-TERM ON-THE-JOB TRAINING
289	49011	SALESPERSONS, RETAIL	9,780	11,180	1,400	14.3	2,530	11	SHORT-TERM ON-THE-JOB TRAINING
290	49014	SALESPERSONS--PARTS	670	690	20	3.0	140	10	MODERATE-TERM ON-THE-JOB TRAINING
291	49017	COUNTER AND RENTAL CLERKS	1,190	1,430	240	20.2	400	11	SHORT-TERM ON-THE-JOB TRAINING
292	49021	STOCK CLERKS--SALES FLOOR	3,290	3,420	130	4.0	350	11	SHORT-TERM ON-THE-JOB TRAINING
293	49023	CASHIERS	6,150	7,060	910	14.8	2,100	11	SHORT-TERM ON-THE-JOB TRAINING
294	49026	TELEMARKETERS, SOLICITORS & RELATE	950	1,260	310	32.6	200	11	SHORT-TERM ON-THE-JOB TRAINING
295	49034	DEMONSTRATORS AND PROMOTERS	200	260	60	30.0	40	10	MODERATE-TERM ON-THE-JOB TRAINING
297	49999	SALES AND RELATED WORKERS, NEC	2,710	3,200	490	18.1	650	10	MODERATE-TERM ON-THE-JOB TRAINING
298	50000	CLERICAL, ADMINISTRATIVE SUPPORT	51,300	57,400	6,100	11.9	8,010		
299	51000	FIRST-LINE SUP/MGR, CLERL, ADM SUP	3,980	4,680	700	17.6	670	8	WORK EXPERIENCE
300	53000	INDUSTRY SPECIFIC CLERICAL, ADMIN	6,930	8,060	1,130	16.3	1,190		
301	53100	BANKING, SECURITY, FINANCE, CREDIT	2,330	2,650	320	13.7	460		
302	53102	SELLERS	1,110	1,190	80	7.2	350	11	SHORT-TERM ON-THE-JOB TRAINING
303	53105	NEW ACCOUNTS CLERKS	180	220	40	22.2	40	8	WORK EXPERIENCE

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			1999(2)	2006					
308	53121	LOAN AND CREDIT CLERKS	230	240	10	4.3	20	11	SHORT-TERM ON-THE-JOB TRAINING
309	53123	ADJUSTMENT CLERKS	620	820	200	32.3	30	11	SHORT-TERM ON-THE-JOB TRAINING
310	53126	STATEMENT CLERKS	80	70	-10	-12.5	10	11	SHORT-TERM ON-THE-JOB TRAINING
311	53128	BROKERAGE CLERKS	110	110	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
312	53300	INSURANCE WORKERS	910	1,180	270	29.7	120		
313	53302	INS ADJUST, EXAMIN, INVESTIGATORS	350	450	100	28.6	50	9	LONG-TERM ON-THE-JOB TRAINING
316	53311	INSURANCE CLAIMS CLERKS	210	280	70	33.3	30	10	MODERATE-TERM ON-THE-JOB TRAINING
317	53314	INSURANCE POLICY PROCESSING CLERKS	350	450	100	28.6	40	10	MODERATE-TERM ON-THE-JOB TRAINING
318	53500	INVESTIGATIVE, RELATED, EX INSUR	1,030	1,120	90	8.7	200		
319	53502	WELFARE ELIG WORKERS, INTERVIEWERS	120	110	-10	-8.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
321	53508	BILL AND ACCOUNT COLLECTORS	910	1,010	100	11.0	180	11	SHORT-TERM ON-THE-JOB TRAINING
322	53700	MUNICIPAL WORKERS	250	250	0	0.0	30		
323	53702	COURT CLERKS	100	100	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
324	53705	MUNICIPAL CLERKS	150	150	0	0.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
326	53800	LODGING AND TRAVEL WORKERS	310	340	30	9.7	90		
329	53808	HOTEL DESK CLERKS	310	340	30	9.7	90	11	SHORT-TERM ON-THE-JOB TRAINING
330	53900	MISC INDUSTRY SPECIFIC CLERICAL	2,100	2,520	420	20.0	290		
331	53902	LIBRARY ASSTS & BOOKMOBILE DRIVERS	380	420	40	10.5	140	11	SHORT-TERM ON-THE-JOB TRAINING
332	53905	TEACHER AIDES & EDUC ASSTS, CLERIC	1,720	2,100	380	22.1	150	11	SHORT-TERM ON-THE-JOB TRAINING
336	55000	SECRETARIAL, GENERAL OFFICE OCCS	26,790	29,270	2,480	9.3	4,330		
337	55100	SECRETARIES	5,870	6,220	350	6.0	680		
338	55102	SECRETARIES, LEGAL	670	710	40	6.0	80	7	POST-SECONDARY VOCATIONAL EDUCATION

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			1999(2)	2006					
339	55105	SECRETARIES, MEDICAL	380	370	-10	-2.6	40	7	POST-SECONDARY VOCATIONAL EDUCATION
340	55108	SECRETARIES, GENERAL	4,820	5,140	320	6.6	560	7	POST-SECONDARY VOCATIONAL EDUCATION
341	55300	MISC SECRETARIAL, GENL OFF OCCS	20,920	23,050	2,130	10.2	3,650		
342	55302	STENOGRAPHERS AND/OR COURT REPORTERS	90	100	10	11.1	10	7	POST-SECONDARY VOCATIONAL EDUCATION
343	55305	RECEPTIONISTS, INFORMATION CLERKS	2,920	3,430	510	17.5	430	11	SHORT-TERM ON-THE-JOB TRAINING
344	55307	TYPISTS, INCLUDING WORD PROCESSING	1,060	910	-150	-14.2	140	10	MODERATE-TERM ON-THE-JOB TRAINING
345	55314	PERS CLERKS--EX PAYROLL	430	450	20	4.7	60	11	SHORT-TERM ON-THE-JOB TRAINING
347	55321	FILE CLERKS	920	1,030	110	12.0	240	11	SHORT-TERM ON-THE-JOB TRAINING
348	55323	ORDER CLERKS--MATERIALS, SERVICE	1,380	1,640	260	18.8	250	11	SHORT-TERM ON-THE-JOB TRAINING
349	55326	PROCUREMENT CLERKS	180	190	10	5.6	20	11	SHORT-TERM ON-THE-JOB TRAINING
350	55328	STATISTICAL CLERKS	110	100	-10	-9.1	10	10	MODERATE-TERM ON-THE-JOB TRAINING
351	55332	INTERVIEW CLERKS--EX PERS, WELFARE	110	120	10	9.1	30	11	SHORT-TERM ON-THE-JOB TRAINING
352	55335	CUSTOMER SERVICE REPS--UTILITIES	550	570	20	3.6	90	11	SHORT-TERM ON-THE-JOB TRAINING
353	55338	BOOKKEEPING, ACCOUNTING CLERKS	3,850	4,050	200	5.2	510	10	MODERATE-TERM ON-THE-JOB TRAINING
354	55341	PAYROLL AND TIMEKEEPING CLERKS	310	330	20	6.5	40	11	SHORT-TERM ON-THE-JOB TRAINING
355	55344	BILLING, COST, AND RATE CLERKS	860	960	100	11.6	130	11	SHORT-TERM ON-THE-JOB TRAINING
356	55347	GENERAL OFFICE CLERKS	8,150	9,170	1,020	12.5	1,690	11	SHORT-TERM ON-THE-JOB TRAINING
357	56000	EDP AND OFFICE MACHINE OCCUPATIONS	1,930	2,150	220	11.4	250		
358	56002	BILLING, POSTING, CALC MACHINE OPS	140	140	0	0.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
359	56005	DUPLICATING MACHINE OPERATORS	460	630	170	37.0	110	11	SHORT-TERM ON-THE-JOB TRAINING
360	56008	MAIL MACH OPS--PREP AND HANDLING	190	200	10	5.3	40	11	SHORT-TERM ON-THE-JOB TRAINING
361	56011	COMPUTER OPS--EX PERIPHERAL EQUIP	290	260	-30	-10.3	30	10	MODERATE-TERM ON-THE-JOB TRAINING
363	56017	DATA ENTRY KEYERS--EX COMPOSING	850	920	70	8.2	50	7	POST-SECONDARY VOCATIONAL EDUCATION
366	57000	COMMUNICATIONS, MAIL DISTRIBUTION	1,720	1,780	60	3.5	310		

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			1999(2)	2006					
367	57100	COMMUNICATION EQUIPMENT OPERATORS	440	440	0	0.0	70		
368	57102	SWITCHBOARD OPERATORS	440	440	0	0.0	70	11	SHORT-TERM ON-THE-JOB TRAINING
373	57300	MAIL, MESSAGE DISTRIBUTION WORKERS	1,280	1,340	60	4.7	240		
374	57302	MAIL CLKS-EX MAIL MACH OPS, POSTAL	400	470	70	17.5	70	11	SHORT-TERM ON-THE-JOB TRAINING
375	57305	POSTAL MAIL CARRIERS	760	750	-10	-1.3	150	11	SHORT-TERM ON-THE-JOB TRAINING
376	57308	POSTAL SERVICE CLERKS	60	60	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
377	57311	MESSENGERS	60	60	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
378	58000	MATERIAL RECORDING, DISPATCHING	6,840	7,820	980	14.3	870		
379	58002	DISPATCH--POLICE, FIRE, AMBULANCE	90	80	-10	-11.1	10	10	MODERATE-TERM ON-THE-JOB TRAINING
380	58005	DISPATCH--EX POLICE, FIRE, AMBUL	560	660	100	17.9	70	10	MODERATE-TERM ON-THE-JOB TRAINING
381	58008	PROD, PLANNING, EXPEDITING CLERKS	630	700	70	11.1	50	11	SHORT-TERM ON-THE-JOB TRAINING
383	58014	METER READERS--UTILITIES	150	160	10	6.7	30	11	SHORT-TERM ON-THE-JOB TRAINING
384	58017	WEIGHERS, MEASURERS--RECORDKEEPING	80	90	10	12.5	20	11	SHORT-TERM ON-THE-JOB TRAINING
385	58021	MARKING CLERKS	70	70	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
386	58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	2,030	2,420	390	19.2	230	11	SHORT-TERM ON-THE-JOB TRAINING
387	58026	ORDER FILLERS--WHLE & RET SALES	580	660	80	13.8	100	11	SHORT-TERM ON-THE-JOB TRAINING
388	58028	TRAFFIC, SHIPPING, RECEIVING CLKS	2,340	2,630	290	12.4	290	11	SHORT-TERM ON-THE-JOB TRAINING
389	58099	MATERIAL RECORDING, RELATED, NEC	310	350	40	12.9	60	11	SHORT-TERM ON-THE-JOB TRAINING
390	59000	CLERICAL, ADMIN SUPPORT, NEC	3,110	3,640	530	17.0	390	11	SHORT-TERM ON-THE-JOB TRAINING
392	60000	SERVICE OCCUPATIONS	38,410	42,560	4,150	10.8	9,690		
393	61000	FIRST-LINE SUP/MGR--SERVICE	1,640	1,890	250	15.2	290		

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			1999(2)	2006					
394	61002	FIRE FIGHTING & PREVENTION SUPS	90	90	0	0.0	20	8	WORK EXPERIENCE
395	61005	POLICE AND DETECTIVE SUPERVISORS	90	90	0	0.0	20	8	WORK EXPERIENCE
396	61008	HOUSEKEEPING SUPERVISORS	130	140	10	7.7	20	8	WORK EXPERIENCE
397	61099	FIRST-LINE SUP/MGR SERV WKRS, NEC	1,330	1,570	240	18.0	230	8	WORK EXPERIENCE
398	63000	PROTECTIVE SERVICE OCCUPATIONS	3,730	4,290	560	15.0	810		
401	63008	FIRE FIGHTERS	400	380	-20	-5.0	70	9	LONG-TERM ON-THE-JOB TRAINING
402	63011	POLICE DETECTIVES	60	60	0	0.0	10	8	WORK EXPERIENCE
403	63014	POLICE PATROL OFFICERS	450	510	60	13.3	90	9	LONG-TERM ON-THE-JOB TRAINING
404	63017	CORRECTION OFFICERS, JAILERS	100	110	10	10.0	20	9	LONG-TERM ON-THE-JOB TRAINING
409	63032	SHERIFFS AND DEPUTY SHERIFFS	580	670	90	15.5	40	9	LONG-TERM ON-THE-JOB TRAINING
410	63035	DETECTIVES, INVESTIGATORS--EX PUB	120	130	10	8.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
413	63044	CROSSING GUARDS	160	150	-10	-6.3	30	11	SHORT-TERM ON-THE-JOB TRAINING
414	63047	GUARDS AND WATCH GUARDS	1,410	1,780	370	26.2	280	11	SHORT-TERM ON-THE-JOB TRAINING
415	63099	PROTECTIVE SERVICE WORKERS, NEC	450	500	50	11.1	250	11	SHORT-TERM ON-THE-JOB TRAINING
416	65000	FOOD, BEV PREP AND SERVICE OCCS	18,990	20,500	1,510	8.0	6,520		
417	65002	HOSTS, HOSTesses--RESTAURANTS	670	750	80	11.9	150	11	SHORT-TERM ON-THE-JOB TRAINING
418	65005	BARTENDERS	740	740	0	0.0	220	11	SHORT-TERM ON-THE-JOB TRAINING
419	65008	WAITERS AND WAITRESSES	4,000	4,420	420	10.5	1,640	11	SHORT-TERM ON-THE-JOB TRAINING
420	65011	FOOD SERVERS--OUTSIDE	100	110	10	10.0	70	11	SHORT-TERM ON-THE-JOB TRAINING
421	65014	DINING RM ATTENDANTS, BAR HELPERS	1,200	1,200	0	0.0	270	11	SHORT-TERM ON-THE-JOB TRAINING
422	65017	COUNTER ATTENDANTS--FOOD	690	730	40	5.8	450	11	SHORT-TERM ON-THE-JOB TRAINING
423	65021	BAKERS--BREAD AND PASTRY	390	430	40	10.3	80	10	MODERATE-TERM ON-THE-JOB TRAINING
424	65023	BUTCHERS AND MEAT CUTTERS	360	340	-20	-5.6	60	9	LONG-TERM ON-THE-JOB TRAINING
425	65026	COOKS--RESTAURANT	2,170	2,440	270	12.4	430	9	LONG-TERM ON-THE-JOB TRAINING
426	65028	COOKS--INSTITUTION OR CAFETERIA	410	420	10	2.4	80	9	LONG-TERM ON-THE-JOB TRAINING
427	65032	COOKS--SPECIALTY FAST FOOD	1,000	1,120	120	12.0	200	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999(2)	2006					
428	65035	COOKS--SHORT ORDER	130	140	10	7.7	30	11	SHORT-TERM ON-THE-JOB TRAINING
429	65038	FOOD PREPARATION WORKERS	3,130	3,370	240	7.7	1,270	11	SHORT-TERM ON-THE-JOB TRAINING
430	65041	COMBINED FOOD PREP AND SERVICE	3,620	3,870	250	6.9	1,460	11	SHORT-TERM ON-THE-JOB TRAINING
431	65099	FOOD SERVICE WORKERS, NEC	380	420	40	10.5	110	11	SHORT-TERM ON-THE-JOB TRAINING
432	66000	HEALTH SERVICE, RELATED OCCS	4,330	4,830	500	11.5	560		
433	66002	DENTAL ASSISTANTS	740	820	80	10.8	80	10	MODERATE-TERM ON-THE-JOB TRAINING
434	66005	MEDICAL ASSISTANTS	870	1,040	170	19.5	160	10	MODERATE-TERM ON-THE-JOB TRAINING
435	66008	NURSE AIDES, ORDERLIES, ATTENDANTS	1,800	1,930	130	7.2	180	11	SHORT-TERM ON-THE-JOB TRAINING
436	66011	HOME HEALTH CARE WORKERS	360	410	50	13.9	40	11	SHORT-TERM ON-THE-JOB TRAINING
438	66017	PHYSICAL THERAPY ASSISTANTS & AIDE	140	160	20	14.3	30	10	MODERATE-TERM ON-THE-JOB TRAINING
441	66026	PHARMACY AIDES	120	150	30	25.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
442	66099	HEALTH SERVICE WORKERS, NEC	300	320	20	6.7	50	11	SHORT-TERM ON-THE-JOB TRAINING
443	67000	CLEANING, BLDING SERV EX PRIV HOUS	5,540	6,360	820	14.8	880		
444	67002	MAIDS AND HOUSEKEEPING CLEANERS	1,390	1,570	180	12.9	190	11	SHORT-TERM ON-THE-JOB TRAINING
445	67005	JANITORS, CLEANERS--EXCEPT MAIDS	3,610	4,170	560	15.5	600	11	SHORT-TERM ON-THE-JOB TRAINING
446	67008	PEST CONTROLLERS AND ASSISTANTS	170	230	60	35.3	30	10	MODERATE-TERM ON-THE-JOB TRAINING
448	67099	CLEANING, BLDING SERV--EX PH, NEC	370	390	20	5.4	60	11	SHORT-TERM ON-THE-JOB TRAINING
449	68000	MISC PERSONAL SERVICE OCCUPATIONS	2,920	3,350	430	14.7	380		
451	68005	HAIRDRESSERS, HAIRSTYLISTS	600	650	50	8.3	110	7	POST-SECONDARY VOCATIONAL EDUCATION
452	68008	MANICURISTS	130	160	30	23.1	30	7	POST-SECONDARY VOCATIONAL EDUCATION
454	68014	AMUSEMENT, RECREATION ATTENDANTS	460	500	40	8.7	70	11	SHORT-TERM ON-THE-JOB TRAINING
456	68021	USHERS, LOBBY ATTENDANTS	220	260	40	18.2	30	11	SHORT-TERM ON-THE-JOB TRAINING
461	68035	PERSONAL AND HOME CARE AIDES	250	300	50	20.0	50	11	SHORT-TERM ON-THE-JOB TRAINING
462	68038	CHILD CARE WORKERS	1,260	1,480	220	17.5	90	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999(2)	2006					
464	69000	MISC SERVICE WORKERS	1,260	1,340	80	6.3	250	8	WORK EXPERIENCE
466	70000	AGRICULTURAL, FORESTRY, FISHING	5,320	6,190	870	16.4	1,170		
467	72000	FIRST-LINE SUP/MGR--AG, FOR, FISH	90	100	10	11.1	10	8	WORK EXPERIENCE
475	79000	MISC AG, FORESTRY, FISHING	5,230	6,090	860	16.4	1,160		
476	79002	FOREST, CONSERVATION WORKERS	180	170	-10	-5.6	30	11	SHORT-TERM ON-THE-JOB TRAINING
478	79011	GRADERS, SORTERS--AG PRODUCTS	480	560	80	16.7	90	11	SHORT-TERM ON-THE-JOB TRAINING
481	79017	ANIMAL CARETAKERS--EXCEPT FARM	130	170	40	30.8	20	11	SHORT-TERM ON-THE-JOB TRAINING
485	79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	3,860	4,500	640	16.6	890	11	SHORT-TERM ON-THE-JOB TRAINING
486	79806	VETERINARY ASSISTANTS	80	100	20	25.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
489	79999	AG, FORESTRY, FISHING--NEC	500	590	90	18.0	120	11	SHORT-TERM ON-THE-JOB TRAINING
490	80000	PROD, CONST, OPER, MAT HANDLING	58,760	73,360	14,600	24.8	11,050		
491	81000	FIRST-LINE SUP/MGR-BLUE COLLAR	3,540	4,410	870	24.6	770		
492	81002	FIRST-LINE SUP/MGR-MECH, REPAIRERS	830	910	80	9.6	180	8	WORK EXPERIENCE
493	81005	FIRST-LINE SUP/MGR-CONSTRUCTION	700	930	230	32.9	150	8	WORK EXPERIENCE
494	81008	FIRST-LINE SUP/MGR-PRODUCTION	1,080	1,450	370	34.3	250	8	WORK EXPERIENCE
495	81011	FIRST-LINE SUP/MGR-TRANSPORTATION	180	220	40	22.2	40	8	WORK EXPERIENCE
496	81017	FIRST-LINE SUP/MGR-HELP, LABORERS	210	260	50	23.8	40	8	WORK EXPERIENCE
497	81099	FIRST-LINE SUP/MGR-BLUE COLLAR NEC	540	640	100	18.5	110	8	WORK EXPERIENCE

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			1999(2)	2006					
498	83000	INSPECTORS, RELATED OCCUPATIONS	1,510	1,880	370	24.5	260		
499	83002	INSPECTORS, TESTERS,& GRADERS, PRECI	480	630	150	31.3	80	8	WORK EXPERIENCE
500	83005	PROD INSPECTORS, TESTERS, & GRADER	910	1,090	180	19.8	160	8	WORK EXPERIENCE
502	83099	INSPECTORS, TESTERS, RELATED, NEC	120	160	40	33.3	20	8	WORK EXPERIENCE
503	85000	MECHANICS, INSTALLERS, REPAIRERS	8,420	9,750	1,330	15.8	1,520		
504	85100	MACHINERY AND RELATED MECHANICS	2,680	3,140	460	17.2	460		
505	85110	MACHINERY MAINTENANCE MECHANICS	340	430	90	26.5	60	9	LONG-TERM ON-THE-JOB TRAINING
508	85116	MAINT MECHANICS--MARINE EQUIP	50	70	20	40.0	10	9	LONG-TERM ON-THE-JOB TRAINING
510	85118	MAINT MECHANICS--WATER, POWER	70	80	10	14.3	10	9	LONG-TERM ON-THE-JOB TRAINING
511	85119	MACHINERY MAINT MECHANICS, NEC	60	70	10	16.7	10	9	LONG-TERM ON-THE-JOB TRAINING
512	85123	MILLWRIGHTS	130	210	80	61.5	30	9	LONG-TERM ON-THE-JOB TRAINING
514	85128	MACHINERY MAINTENANCE WORKERS	60	70	10	16.7	10	9	LONG-TERM ON-THE-JOB TRAINING
515	85132	MAINT REPAIRERS, GENL UTILITY	1,970	2,210	240	12.2	330	9	LONG-TERM ON-THE-JOB TRAINING
516	85300	MOBILE EQUIP MECHANICS, REPAIRERS	2,920	3,230	310	10.6	530		
517	85302	AUTOMOTIVE MECHANICS	1,640	1,810	170	10.4	300	9	LONG-TERM ON-THE-JOB TRAINING
518	85305	AUTOMOTIVE BODY, RELATED REPAIRERS	440	470	30	6.8	90	9	LONG-TERM ON-THE-JOB TRAINING
520	85311	BUS AND TRUCK MECHANICS	470	520	50	10.6	80	9	LONG-TERM ON-THE-JOB TRAINING
521	85314	MOBILE HEAVY EQUIP MECH--EX ENGINE	200	270	70	35.0	40	9	LONG-TERM ON-THE-JOB TRAINING
524	85323	AIRCRAFT MECHANICS	170	160	-10	-5.9	20	7	POST-SECONDARY VOCATIONAL EDUCATION
528	85500	COMM EQUIPMENT MECHANICS	80	80	0	0.0	20		
534	85599	COMM EQUIPMENT MECHANICS, NEC	80	80	0	0.0	20	7	POST-SECONDARY VOCATIONAL EDUCATION

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LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999(2)	2006					
535	85700	OTHER ELECTRICAL EQUIP MECHANICS	1,500	1,760	260	17.3	300	9	LONG-TERM ON-THE-JOB TRAINING
536	85702	TELEPHONE, CABLE TV INSTALLERS	520	620	100	19.2	130	9	POST-SECONDARY VOCATIONAL EDUCATION
537	85705	DATA PROCESSING EQUIP REPAIRERS	340	420	80	23.5	40	7	POST-SECONDARY VOCATIONAL EDUCATION
538	85708	ELECT HOME ENTERTAINMENT REPAIRERS	60	60	0	0.0	10	7	POST-SECONDARY VOCATIONAL EDUCATION
541	85717	ELECT REPAIRERS--COMMERCIAL	100	110	10	10.0	20	7	POST-SECONDARY VOCATIONAL EDUCATION
543	85723	ELECT POWERLINE INSTALLERS	200	260	60	30.0	40	9	LONG-TERM ON-THE-JOB TRAINING
545	85728	ELEC INSTALLERS--TRANS EQUIPMENT	100	90	-10	-10.0	20	7	POST-SECONDARY VOCATIONAL EDUCATION
546	85799	ELECT EQUIP MECHANICS, NEC	180	200	20	11.1	40	9	LONG-TERM ON-THE-JOB TRAINING
547	85900	MISC MECH, INSTALLERS, REPAIRERS	1,240	1,540	300	24.2	210		
548	85902	HEATING, AC, REFRIG MECHANICS	430	590	160	37.2	70	9	LONG-TERM ON-THE-JOB TRAINING
556	85926	OFF MACH, CASH REGISTER SERVICERS	80	100	20	25.0	10	9	LONG-TERM ON-THE-JOB TRAINING
563	85951	BICYCLE REPAIRERS	80	100	20	25.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
564	85953	TIRE REPAIRERS AND CHANGERS	160	160	0	0.0	50	11	SHORT-TERM ON-THE-JOB TRAINING
566	85999	MECHS, INSTALLERS, REPAIRERS, NEC	490	590	100	20.4	70	9	LONG-TERM ON-THE-JOB TRAINING
567	87000	CONSTRUCTION TRADES	8,180	10,920	2,740	33.5	1,500		
568	87100	CARPENTERS AND RELATED WORKERS	2,670	3,630	960	36.0	490		
569	87102	CARPENTERS	1,790	2,400	610	34.1	390	9	LONG-TERM ON-THE-JOB TRAINING
570	87105	CEILING TILE INSTALLERS	60	80	20	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
571	87108	DRYWALL INSTALLERS	350	510	160	45.7	40	10	MODERATE-TERM ON-THE-JOB TRAINING
572	87111	TAPERS	340	470	130	38.2	40	10	MODERATE-TERM ON-THE-JOB TRAINING
573	87114	LATHERS	130	170	40	30.8	10	10	MODERATE-TERM ON-THE-JOB TRAINING
575	87200	ELECTRICIANS AND RELATED WORKERS	1,010	1,370	360	35.6	170		
576	87202	ELECTRICIANS	1,010	1,370	360	35.6	170	9	LONG-TERM ON-THE-JOB TRAINING

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			1999(2)	2006					
577	87300	MASONS AND RELATED WORKERS	900	1,280	380	42.2	150		
578	87302	BRICK MASONS	170	250	80	47.1	30	9	LONG-TERM ON-THE-JOB TRAINING
580	87308	HARD TILE SETTERS	170	230	60	35.3	40	9	LONG-TERM ON-THE-JOB TRAINING
581	87311	CONCRETE AND TERRAZZO FINISHERS	340	470	130	38.2	30	9	LONG-TERM ON-THE-JOB TRAINING
583	87317	PLASTERERS AND STUCCO MASONS	220	330	110	50.0	50	9	LONG-TERM ON-THE-JOB TRAINING
584	87400	PAINTERS AND RELATED WORKERS	920	1,280	360	39.1	200		
585	87402	PAINTERS, PAPERHANGERS--CONST	920	1,280	360	39.1	200	10	MODERATE-TERM ON-THE-JOB TRAINING
586	87500	PLUMBERS AND RELATED WORKERS	730	960	230	31.5	90		
587	87502	PLUMBERS, PIPEFITTERS, STEAMFITTER	570	740	170	29.8	60	9	LONG-TERM ON-THE-JOB TRAINING
589	87508	PIPELAYERS	160	220	60	37.5	30	10	MODERATE-TERM ON-THE-JOB TRAINING
591	87600	CARPET, FLOOR INSTALLERS	240	320	80	33.3	40		
592	87602	CARPET INSTALLERS	240	320	80	33.3	40	10	MODERATE-TERM ON-THE-JOB TRAINING
595	87700	SELECTED ROAD, RAIL AND RELATED	480	560	80	16.7	90		
598	87708	PAVING, TAMMING-EQUIP OPERATORS	200	270	70	35.0	40	10	MODERATE-TERM ON-THE-JOB TRAINING
599	87711	HIGHWAY MAINTENANCE WORKERS	280	290	10	3.6	50	11	SHORT-TERM ON-THE-JOB TRAINING
601	87800	CONSTRUCTION TRADES, NEC	820	1,110	290	35.4	190		
605	87808	ROOFERS	310	420	110	35.5	90	10	MODERATE-TERM ON-THE-JOB TRAINING
606	87811	GLAZIERS	80	100	20	25.0	20	9	LONG-TERM ON-THE-JOB TRAINING
607	87814	STRUCTURAL METAL WORKERS	70	90	20	28.6	10	9	LONG-TERM ON-THE-JOB TRAINING
608	87817	FENCE ERECTORS	110	160	50	45.5	20	10	MODERATE-TERM ON-THE-JOB TRAINING
609	87899	CONSTRUCTION TRADES WORKERS, NEC	250	340	90	36.0	50	10	MODERATE-TERM ON-THE-JOB TRAINING
610	87900	EXTRACTIVE AND RELATED WORKERS	410	410	0	0.0	80		
612	87905	BLASTERS AND EXPLOSIVES WORKERS	60	40	-20	-33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING

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			1999(2)	2006					
617	87921	ROUSTABOUTS	60	30	-30	-50.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
624	87999	CONST, EXTRACTIVE--EX HELPERS, NEC	290	340	50	17.2	60	10	MODERATE-TERM ON-THE-JOB TRAINING
625	89000	PRODUCTION OCCUPATIONS, PRECISION	3,500	4,070	570	16.3	570		
626	89100	METAL WORKERS, PRECISION	1,290	1,560	270	20.9	200		
627	89102	TOOL AND DIE MAKERS	200	280	80	40.0	30	9	LONG-TERM ON-THE-JOB TRAINING
629	89108	MACHINISTS	730	870	140	19.2	110	9	LONG-TERM ON-THE-JOB TRAINING
630	89111	TOOL GRINDERS, FILERS, SHARPENERS	70	90	20	28.6	10	9	LONG-TERM ON-THE-JOB TRAINING
637	89132	SHEET METAL WORKERS	290	320	30	10.3	50	10	MODERATE-TERM ON-THE-JOB TRAINING
640	89300	WOODWORKERS, PRECISION	210	250	40	19.0	20		
643	89308	WOOD MACHINISTS	60	60	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
644	89311	CABINETMAKERS AND BENCH CARPENTERS	150	190	40	26.7	10	9	LONG-TERM ON-THE-JOB TRAINING
656	89700	PRINTING WORKERS, PRECISION	60	100	40	66.7	10		
660	89707	ELECTRONIC PAGINATION SYSTEM WKRS	60	100	40	66.7	10	9	LONG-TERM ON-THE-JOB TRAINING
675	89900	OTHER PRECISION WORKERS	1,940	2,160	220	11.3	340		
676	89902	FOUNDRY MOLD,CORE MAKERS,PRECISION	60	70	10	16.7	10	9	LONG-TERM ON-THE-JOB TRAINING
681	89917	OPTICAL GOODS WORKERS, PRECISION	60	60	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
682	89921	DENTAL LAB TECHNICIANS, PRECISION	200	200	0	0.0	30	9	LONG-TERM ON-THE-JOB TRAINING
683	89923	MEDICAL APPLIANCE MAKERS	80	120	40	50.0	10	9	LONG-TERM ON-THE-JOB TRAINING
685	89999	WORKERS, PRECISION--NEC	1,540	1,710	170	11.0	280	9	LONG-TERM ON-THE-JOB TRAINING
686	91000	MACH SETTERS, SET-UP, OPS, TENDERS	6,360	8,170	1,810	28.5	1,170		
687	91100	MACH TOOL CUTTING--METAL, PLASTIC	800	900	100	12.5	160		

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			1999(2)	2006					
689	91105	LATHE MACH SETTERS--METAL, PLASTIC	90	100	10	11.1	20	10	MODERATE-TERM ON-THE-JOB TRAINING
690	91108	DRILLING MACH SETTER--METAL,PLASTI	80	80	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
692	91114	GRINDING MACH SETTER--METAL,PLASTI	360	430	70	19.4	80	10	MODERATE-TERM ON-THE-JOB TRAINING
693	91117	MACH TOOL CUTTING OPS--METAL,PLAST	270	290	20	7.4	50	10	MODERATE-TERM ON-THE-JOB TRAINING
694	91300	MACH FORMING SETTERS--METAL,PLASTI	330	390	60	18.2	60		
695	91302	PUNCH MACH SETTERS--METAL, PLASTIC	100	110	10	10.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
698	91311	EXTRUDING MACH SETTERS--METAL,PLAS	60	80	20	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
701	91321	MACH FORMING OPS,TENDRS--MET, PLAS	170	200	30	17.6	30	10	MODERATE-TERM ON-THE-JOB TRAINING
702	91500	MACH TOOL SETTERS, OPS--METAL,PLAS	630	900	270	42.9	120		
703	91502	NUMERICAL MACH TOOL OPS--MET, PLAS	480	720	240	50.0	90	10	MODERATE-TERM ON-THE-JOB TRAINING
704	91505	COMB MACH TOOL SETTERS--MET, PLAST	100	110	10	10.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
705	91508	COMB MACH TOOL OPS--METAL, PLASTIC	50	70	20	40.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
706	91700	METAL FABRICATING MACH SETTERS,OPS	150	200	50	33.3	30		
708	91705	WELDING MACH OPERATORS AND TENDERS	90	120	30	33.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
711	91714	METAL FABRICATOR, STRUCT MET PRODS	60	80	20	33.3	10	10	MODERATE-TERM ON-THE-JOB TRAINING
712	91900	METAL, PLAST PROCESS MACH SETTERS	600	900	300	50.0	140		
713	91902	PLAST MOLDING, CASTING MACH SETTER	160	250	90	56.3	40	10	MODERATE-TERM ON-THE-JOB TRAINING
714	91905	PLASTIC MOLDING, CASTING MACH OPS	220	350	130	59.1	50	10	MODERATE-TERM ON-THE-JOB TRAINING
715	91908	METAL MOLDING, MACH SETTER, SET-UP	50	80	30	60.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
716	91911	METAL MOLDING MACH OPS AND TENDERS	80	110	30	37.5	20	10	MODERATE-TERM ON-THE-JOB TRAINING
719	91921	ELECTROLYTIC PLATING, MACH OPS	90	110	20	22.2	20	10	MODERATE-TERM ON-THE-JOB TRAINING
727	92100	METAL, PLAST MACH SETTERS, OPS NEC	300	420	120	40.0	60		
728	92197	CUT, FORM, FAB, PROC MACH SETTER	110	150	40	36.4	20	10	MODERATE-TERM ON-THE-JOB TRAINING
729	92198	CUT, FORM, FAB, PROCESS MACH OPS	190	270	80	42.1	40	10	MODERATE-TERM ON-THE-JOB TRAINING

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			1999(2)	2006					
736	92500	PRINTING, BINDING, RELATED WORKERS	690	910	220	31.9	110		
738	92512	OFFSET LITHOGRAPHIC PRESS SETTERS	80	80	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
741	92522	SPEC MATERL PRINTING MACH SETTERS	110	140	30	27.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
744	92529	PRINT REL SETTERS, SET-UP OPS, NEC	50	70	20	40.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
746	92543	PRINTING PRESS MACHINE OPS, TENDER	190	250	60	31.6	30	10	MODERATE-TERM ON-THE-JOB TRAINING
748	92546	BINDERY MACHINE OPERATORS	70	90	20	28.6	10	10	MODERATE-TERM ON-THE-JOB TRAINING
749	92549	PRINT, BINDING, REL MACH OPS, TNDR	190	280	90	47.4	30	10	MODERATE-TERM ON-THE-JOB TRAINING
750	92700	TEXTILE, RELATED SETTERS, OPS	880	930	50	5.7	110		
756	92717	SEWING MACHINE OPERATORS--GARMENT	390	380	-10	-2.6	40	10	MODERATE-TERM ON-THE-JOB TRAINING
757	92721	SEWING MACHINE OPS--NON-GARMENT	260	290	30	11.5	30	10	MODERATE-TERM ON-THE-JOB TRAINING
759	92726	LNDRY, DRYCLEAN MACH OPS--EX PRESS	130	150	20	15.4	30	10	MODERATE-TERM ON-THE-JOB TRAINING
760	92728	PRESSING MACH OPS--TEXTILE, GARMEN	100	110	10	10.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
761	92900	MACH SETTER,SET-UP,OP--EX MET,PLAS	1,980	2,620	640	32.3	380		
762	92902	ELECTRONIC SEMICONDUCTOR PROCESSOR	120	180	60	50.0	20	10	MODERATE-TERM ON-THE-JOB TRAINING
764	92908	PHOTOGRAPHIC PROC MACH OPS,TNDRS	240	230	-10	-4.2	70	11	SHORT-TERM ON-THE-JOB TRAINING
773	92935	CHEMICAL EQUIP CONTROLLERS, OPS	170	270	100	58.8	40	10	MODERATE-TERM ON-THE-JOB TRAINING
777	92947	PAINTERS, TRANSPORTATION EQUIP	60	60	0	0.0	10	10	MODERATE-TERM ON-THE-JOB TRAINING
779	92953	PAINTING, REL MACH OPS, TENDERS	140	190	50	35.7	30	10	MODERATE-TERM ON-THE-JOB TRAINING
783	92965	CRUSHING, MIXING MACH OPS, TNDRS	110	140	30	27.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
786	92974	PACKAGING, FILLING MACH OPS, TNDRS	610	840	230	37.7	130	10	MODERATE-TERM ON-THE-JOB TRAINING
787	92997	MACHINE SETTERS & SET-UP OPS, NEC	150	200	50	33.3	20	10	MODERATE-TERM ON-THE-JOB TRAINING
788	92998	MACHINE OPERATORS AND TENDERS, NEC	380	510	130	34.2	40	10	MODERATE-TERM ON-THE-JOB TRAINING
789	93000	ASSEMBLERS AND FABRICATORS--HAND	8,210	10,590	2,380	29.0	1,390		
790	93100	ASSEMBLERS, PRECISION	1,060	1,390	330	31.1	190		

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			1999(2)	2006					
792	93105	MACH BLDR, OTH PREC MACH ASSEMBLER	190	250	60	31.6	40	8	WORK EXPERIENCE
794	93111	ELECTROMECH EQUIP ASSEMBLERS--PREC	140	170	30	21.4	20	8	WORK EXPERIENCE
795	93114	ELECTRICAL EQUIP ASSEMBLERS--PREC	670	890	220	32.8	120	8	WORK EXPERIENCE
797	93197	ASSEMBLERS, NEC--PRECISION	60	80	20	33.3	10	8	WORK EXPERIENCE
798	93900	OTHER HAND WORKERS	7,150	9,200	2,050	28.7	1,200		
799	93902	MACHINE ASSEMBLERS	230	300	70	30.4	30	11	SHORT-TERM ON-THE-JOB TRAINING
800	93905	ELECTRICAL, ELECTRONIC ASSEMBLERS	1,070	1,370	300	28.0	150	11	SHORT-TERM ON-THE-JOB TRAINING
803	93914	WELDERS AND CUTTERS	390	480	90	23.1	80	7	POST-SECONDARY VOCATIONAL EDUCATION
804	93917	SOLDERERS AND BRAZERS	160	190	30	18.8	30	11	SHORT-TERM ON-THE-JOB TRAINING
805	93921	PRESSERS--HAND	90	100	10	11.1	20	11	SHORT-TERM ON-THE-JOB TRAINING
810	93935	CANNERY WORKERS	70	70	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
814	93947	PAINTING, COATING, DECORATING--HAN	110	140	30	27.3	20	11	SHORT-TERM ON-THE-JOB TRAINING
815	93951	ENGRAVING, PRINTING WORKERS--HAND	110	140	30	27.3	20	11	SHORT-TERM ON-THE-JOB TRAINING
816	93953	GRINDING, POLISHING WORKERS--HAND	220	280	60	27.3	50	11	SHORT-TERM ON-THE-JOB TRAINING
817	93956	ASSEMB, FABRICATORS--EX MACH,ELECT	3,120	4,030	910	29.2	440	11	SHORT-TERM ON-THE-JOB TRAINING
818	93999	HAND WORKERS, NEC	1,580	2,100	520	32.9	350	11	SHORT-TERM ON-THE-JOB TRAINING
819	95000	PLANT AND SYSTEM OCCUPATIONS	610	700	90	14.8	110		
820	95002	WATER TREATMENT PLANT OPERATORS	400	410	10	2.5	60	9	LONG-TERM ON-THE-JOB TRAINING
830	95032	STATIONARY ENGINEERS	60	60	0	0.0	10	9	LONG-TERM ON-THE-JOB TRAINING
831	95099	PLANT AND SYSTEM OPERATORS, NEC	150	230	80	53.3	40	9	LONG-TERM ON-THE-JOB TRAINING
832	97000	TRANS, MATERIAL MOVING MACHINE OPS	7,480	9,090	1,610	21.5	990		
833	97100	MOTOR VEHICLE OPERATORS	5,370	6,450	1,080	20.1	630		
834	97102	TRUCK DRIVERS, HEAVY	1,420	1,760	340	23.9	160	11	SHORT-TERM ON-THE-JOB TRAINING
835	97105	TRUCK DRIVERS, LIGHT	2,160	2,710	550	25.5	240	11	SHORT-TERM ON-THE-JOB TRAINING

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			1999(2)	2006					
836	97108	BUS DRIVERS	490	490	0	0.0	60	10	MODERATE-TERM ON-THE-JOB TRAINING
837	97111	BUS DRIVERS--SCHOOL	490	590	100	20.4	70	11	SHORT-TERM ON-THE-JOB TRAINING
838	97114	TAXI DRIVERS AND CHAUFFEURS	260	320	60	23.1	30	11	SHORT-TERM ON-THE-JOB TRAINING
839	97117	DRIVER/SALES WORKERS	430	460	30	7.0	60	11	SHORT-TERM ON-THE-JOB TRAINING
840	97199	MOTOR VEHICLE OPERATORS, NEC	120	120	0	0.0	10	11	SHORT-TERM ON-THE-JOB TRAINING
849	97500	WATER TRANSPORTATION WORKERS	100	120	20	20.0	40		
850	97502	CAPTAINS--WATER VESSEL	50	60	10	20.0	20	8	WORK EXPERIENCE
855	97517	ORDINARY SEAMEN AND MARINE OILERS	50	60	10	20.0	20	11	SHORT-TERM ON-THE-JOB TRAINING
857	97700	AIR TRANSPORTATION WORKERS	70	50	-20	-28.6	10		
858	97702	AIRCRAFT PILOTS, FLIGHT ENGINEERS	70	50	-20	-28.6	10	9	LONG-TERM ON-THE-JOB TRAINING
859	97800	MISC TRANSPORTATION WORKERS	290	290	0	0.0	80		
861	97805	SERVICE STATION ATTENDANTS	220	210	-10	-4.5	70	11	SHORT-TERM ON-THE-JOB TRAINING
863	97899	TRANS AND RELATED WORKERS, NEC	70	80	10	14.3	10	10	Moderate-Term On-The-Job Training
864	97900	MATERIAL MOVEMENT EQUIP OPERATORS	1,650	2,180	530	32.1	230		
865	97902	LONGSHORE EQUIPMENT OPERATORS	110	140	30	27.3	20	10	Moderate-Term On-The-Job Training
872	97923	EXCAVATING, LOADING MACHINE OPS	160	220	60	37.5	30	10	Moderate-Term On-The-Job Training
877	97938	GRADER, DOZER, SCRAPER OPERATORS	160	220	60	37.5	10	10	Moderate-Term On-The-Job Training
879	97944	CRANE AND TOWER OPERATORS	70	90	20	28.6	10	10	Moderate-Term On-The-Job Training
880	97947	INDUSTRIAL TRUCK,TRACTOR OPERATORS	410	500	90	22.0	40	11	Short-Term On-The-Job Training
883	97956	OPERATING ENGINEERS	400	560	160	40.0	60	10	Moderate-Term On-The-Job Training
884	97989	MATERIAL MOVING EQUIP OPS, NEC	340	450	110	32.4	60	10	Moderate-Term On-The-Job Training
886	98000	HELPERS, LABORERS, HAND--EX AG	10,950	13,780	2,830	25.8	2,770		

**Table 6**  
**Occupational Employment Projections (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

LINE #	CA OES CODE	OCCUPATION	ANNUAL AVERAGES		ABSOLUTE CHANGE	PERCENT CHANGE	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION/EXPERIENCE
			1999(2)	2006					
887	98100	MECHANIC AND REPAIRER HELPERS	430	510	80	18.6	150		
888	98102	MECHANIC AND REPAIRER HELPERS, NEC	430	510	80	18.6	150	11	SHORT-TERM ON-THE-JOB TRAINING
889	98300	CONST TRADES, EXTRACTIVE--HELPERS	1,350	1,820	470	34.8	500		
890	98311	HELPERS--BRICK,STONE MASONS	120	170	50	41.7	50	11	SHORT-TERM ON-THE-JOB TRAINING
891	98312	HELPERS--CARPENTERS AND RELATED	250	340	90	36.0	100	11	SHORT-TERM ON-THE-JOB TRAINING
892	98313	HELPERS--ELECT, POWERLINE INSTALL	240	320	80	33.3	90	11	SHORT-TERM ON-THE-JOB TRAINING
893	98314	HELPERS--PAINTERS AND RELATED	80	110	30	37.5	30	11	SHORT-TERM ON-THE-JOB TRAINING
894	98315	HELPERS--PLUMBERS AND RELATED	170	230	60	35.3	70	11	SHORT-TERM ON-THE-JOB TRAINING
895	98316	HELPERS--ROOFERS	110	160	50	45.5	50	11	SHORT-TERM ON-THE-JOB TRAINING
896	98319	HELPERS--CONSTRUCTION TRADES, NEC	280	390	110	39.3	110	11	SHORT-TERM ON-THE-JOB TRAINING
898	98399	HELPERS-CONST TRDS & EXTRCT WRKRS	100	100	0	0.0	0		
899	98500	MACHINE FEEDERS AND OFFBEARERS	150	190	40	26.7	40		
900	98502	MACHINE FEEDERS AND OFFBEARERS,NEC	150	190	40	26.7	40	11	SHORT-TERM ON-THE-JOB TRAINING
901	98700	FREIGHT, STOCK, MAT MOVERS, HAND	1,260	1,530	270	21.4	380		
903	98705	REFUSE COLLECTORS	110	100	-10	-9.1	30	11	SHORT-TERM ON-THE-JOB TRAINING
904	98799	FREIGHT, MATERIAL MOVERS-HAND, NEC	1,150	1,430	280	24.3	350	11	SHORT-TERM ON-THE-JOB TRAINING
905	98900	MISC HELPERS, LABORERS--HAND	7,760	9,730	1,970	25.4	1,700		
906	98902	HAND PACKERS AND PACKAGERS	2,110	2,750	640	30.3	420	11	SHORT-TERM ON-THE-JOB TRAINING
907	98905	VEHICLE WASHERS, EQUIP CLEANERS	900	980	80	8.9	210	11	SHORT-TERM ON-THE-JOB TRAINING
908	98999	MISC HELPERS, LABORERS--HAND, NEC	4,750	6,000	1,250	26.3	1,070	11	SHORT-TERM ON-THE-JOB TRAINING
909		OCCUPATIONS NOT CLASSIFIED	80	60	-20	-25.0	0	12	NOT CLASSIFIED

(1) Employment and projections contained in these tables are considered estimates. See introduction for an explanation of data limitations.

(2) March 2000 benchmark

**Table 7**  
**Occupations With The Most Openings (1)**  
**(Growth plus Separations)**  
**1999 - 2006**  
**VENTURA COUNTY**

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
49011	SALESPERSONS, RETAIL	3,930	11	SHORT-TERM ON-THE-JOB TRAINING
49023	CASHIERS	3,010	11	SHORT-TERM ON-THE-JOB TRAINING
55347	GENERAL OFFICE CLERKS	2,710	11	SHORT-TERM ON-THE-JOB TRAINING
19005	GENERAL MANAGERS, TOP EXECUTIVE	2,230	4	WORK EXPERIENCE, PLUS A BACHELOR'S OR HIGHER
65008	WAITERS AND WAITRESSES	2,060	11	SHORT-TERM ON-THE-JOB TRAINING
31305	TEACHERS--ELEMENTARY SCHOOL	1,810	5	BACHELOR'S DEGREE
65041	COMBINED FOOD PREP AND SERVICE	1,710	11	SHORT-TERM ON-THE-JOB TRAINING
79041	LABORERS, LANDSCAPING/GROUNDSKEEPING	1,530	11	SHORT-TERM ON-THE-JOB TRAINING
65038	FOOD PREPARATION WORKERS	1,510	11	SHORT-TERM ON-THE-JOB TRAINING
31308	TEACHERS--SECONDARY SCHOOL	1,360	5	BACHELOR'S DEGREE
93956	ASSEMB, FABRICATORS--EX MACH,ELECT	1,350	11	SHORT-TERM ON-THE-JOB TRAINING
67005	JANITORS, CLEANERS--EXCEPT MAIDS	1,160	11	SHORT-TERM ON-THE-JOB TRAINING
98902	HAND PACKERS AND PACKAGERS	1,060	11	SHORT-TERM ON-THE-JOB TRAINING
87102	CARPENTERS	1,000	9	LONG-TERM ON-THE-JOB TRAINING
55305	RECEPTIONISTS, INFORMATION CLERKS	940	11	SHORT-TERM ON-THE-JOB TRAINING
55108	SECRETARIES, GENERAL	880	7	POST-SECONDARY VOCATIONAL EDUCATION
31521	TEACHER AIDES, PARAPROFESSIONAL	790	6	ASSOCIATE DEGREE
97105	TRUCK DRIVERS, LIGHT	790	11	SHORT-TERM ON-THE-JOB TRAINING
49008	SALES REPS, NON-SCIENTIFIC EX RETAIL	760	10	MODERATE-TERM ON-THE-JOB TRAINING
55338	BOOKKEEPING, ACCOUNTING CLERKS	710	10	MODERATE-TERM ON-THE-JOB TRAINING
65026	COOKS--RESTAURANT	700	9	LONG-TERM ON-THE-JOB TRAINING
63047	GUARDS AND WATCH GUARDS	650	11	SHORT-TERM ON-THE-JOB TRAINING
49017	COUNTER AND RENTAL CLERKS	640	11	SHORT-TERM ON-THE-JOB TRAINING
22126	ELECT AND ELECTRONIC ENGINEERS	630	5	BACHELOR'S DEGREE
32502	REGISTERED NURSES	620	6	ASSOCIATE DEGREE

**Table 7**  
**Occupations With The Most Openings (1)**  
**(Growth plus Separations)**  
**1999 - 2006**  
**VENTURA COUNTY**

CA OES CODE	OCCUPATION	NUMBER OF JOB OPENINGS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	620	11	SHORT-TERM ON-THE-JOB TRAINING
81008	FIRST-LINE SUP/MGR-PRODUCTION	620	8	WORK EXPERIENCE
58028	TRAFFIC, SHIPPING, RECEIVING CLERKS	580	11	SHORT-TERM ON-THE-JOB TRAINING
85132	MAINT REPAIRERS, GENL UTILITY	570	9	LONG-TERM ON-THE-JOB TRAINING
87402	PAINTERS, PAPERHANGERS--CONSTRUCTION	560	10	MODERATE-TERM ON-THE-JOB TRAINING
13017	ENGINEER, MATH, AND NAT SCI MGR	540	4	WORK EXPERIENCE, PLUS A BACHELOR'S OR HIGHER
53905	TEACHER AIDES & EDUC ASSTS, CLERICAL	530	11	SHORT-TERM ON-THE-JOB TRAINING
87202	ELECTRICIANS	530	9	LONG-TERM ON-THE-JOB TRAINING
25104	COMPUTER SUPPORT SPECIALISTS	520	5	BACHELOR'S DEGREE
49026	TELEMARKETERS, SOLICITORS & RELATED	510	11	SHORT-TERM ON-THE-JOB TRAINING
55323	ORDER CLERKS--MATERIALS, SERVIC	510	11	SHORT-TERM ON-THE-JOB TRAINING
22127	COMPUTER ENGINEERS	500	5	BACHELOR'S DEGREE
97102	TRUCK DRIVERS, HEAVY	500	11	SHORT-TERM ON-THE-JOB TRAINING
13011	MKTNG, ADV, PUB-REL MANAGERS	490	4	WORK EXPERIENCE, PLUS A BACHELOR'S OR HIGHER
65017	COUNTER ATTENDANTS--FOOD	490	11	SHORT-TERM ON-THE-JOB TRAINING
49021	STOCK CLERKS--SALES FLOOR	480	11	SHORT-TERM ON-THE-JOB TRAINING
13002	FINANCIAL MANAGERS	470	4	WORK EXPERIENCE, PLUS A BACHELOR'S OR HIGHER
49005	SALES REPS, SCIENTIFIC--EX RETAIL	470	10	MODERATE-TERM ON-THE-JOB TRAINING
85302	AUTOMOTIVE MECHANICS	470	9	LONG-TERM ON-THE-JOB TRAINING
22505	ELECT, ELECTRONIC ENGINEERING TECH	450	6	ASSOCIATE DEGREE
93905	ELECTRICAL, ELECTRONIC ASSEMBLERS	450	11	SHORT-TERM ON-THE-JOB TRAINING
25102	SYSTEMS ANALYSTS--ELEC DATA PROCESSOR	440	5	BACHELOR'S DEGREE
53102	SELLERS	430	11	SHORT-TERM ON-THE-JOB TRAINING
81005	FIRST-LINE SUP/MGR-CONSTRUCTION	380	8	WORK EXPERIENCE
67002	MAIDS AND HOUSEKEEPING CLEANERS	370	11	SHORT-TERM ON-THE-JOB TRAINING
<b>TOTAL OF THESE OCCUPATIONS</b>		<b>47,020</b>		

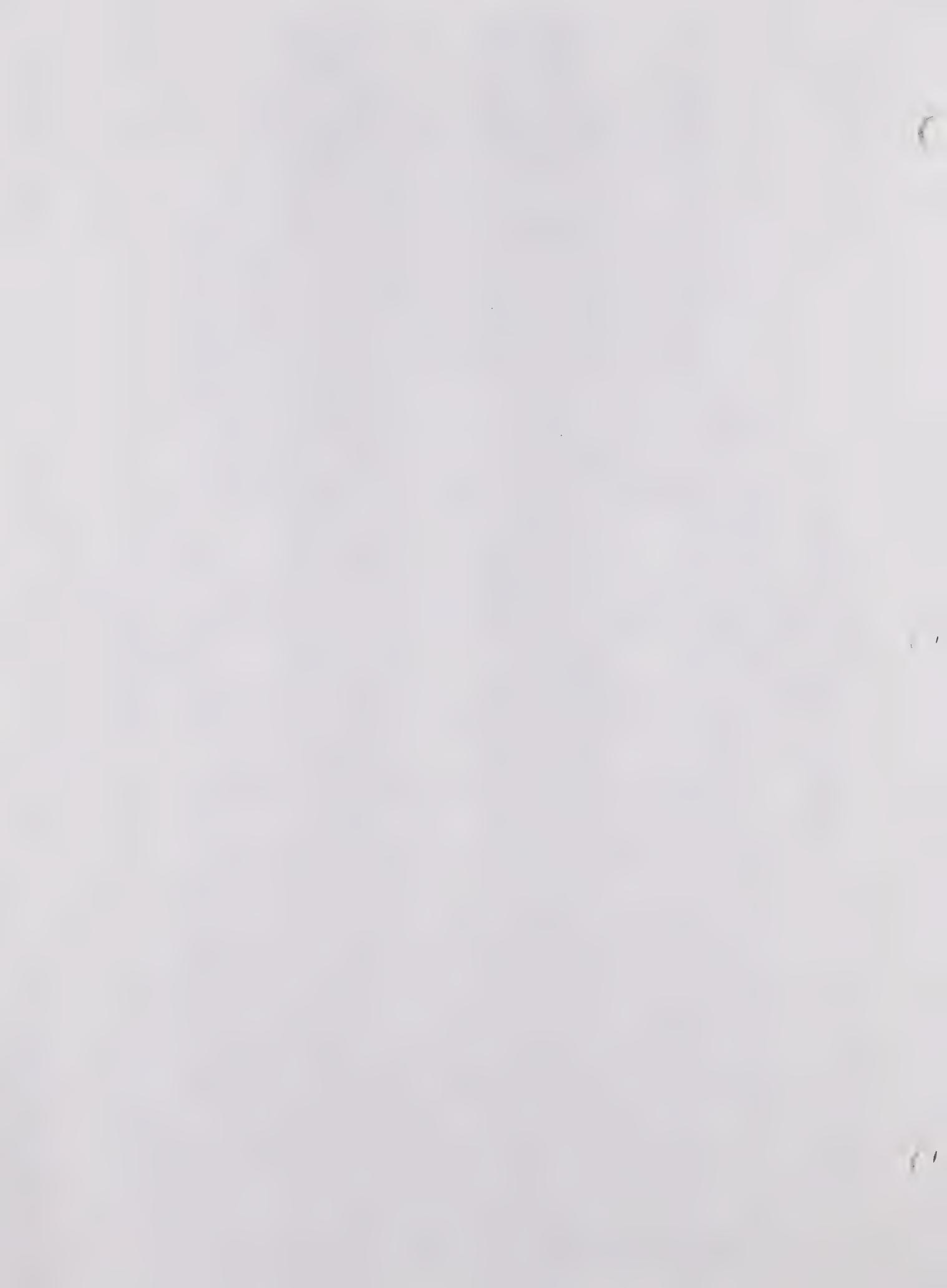
(1) Excludes not elsewhere classified (NEC) categories

**Table 8**  
**Occupations With Projected Declines (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF JOB DECLINES	OPENINGS DUE TO SEPARATIONS	BLS TRAINING LEVEL	EDUCATION / EXPERIENCE
		1999 (2)	2006				
55307	TYPISTS, INCLUDING WORD PROCESSING	1,060	910	-150	140	10	MODERATE-TERM ON-THE-JOB TRAINING
56011	COMPUTER OPS--EX PERIPHERAL EQUIP	290	260	-30	30	10	MODERATE-TERM ON-THE-JOB TRAINING
22102	AERONAUT. ASTRONAUTICAL ENGINEER	160	130	-30	20	5	BACHELOR'S DEGREE
63008	FIRE FIGHTERS	400	380	-20	70	9	LONG-TERM ON-THE-JOB TRAINING
65023	BUTCHERS AND MEAT CUTTERS	360	340	-20	60	9	LONG-TERM ON-THE-JOB TRAINING
97702	AIRCRAFT PILOTS, FLIGHT ENGINEER	70	50	-20	10	9	LONG-TERM ON-THE-JOB TRAINING
57305	POSTAL MAIL CARRIERS	760	750	-10	150	11	SHORT-TERM ON-THE-JOB TRAINING
92908	PHOTOGRAPHIC PROC MACH OPS,TNDR	240	230	-10	70	11	SHORT-TERM ON-THE-JOB TRAINING
97805	SERVICE STATION ATTENDANTS	220	210	-10	70	11	SHORT-TERM ON-THE-JOB TRAINING
55105	SECRETARIES, MEDICAL	380	370	-10	40	7	POST-SECONDARY VOCATIONAL EDUCATION
92717	SEWING MACHINE OPERATORS--GARMENT	390	380	-10	40	10	MODERATE-TERM ON-THE-JOB TRAINING
63044	CROSSING GUARDS	160	150	-10	30	11	SHORT-TERM ON-THE-JOB TRAINING
79002	FOREST, CONSERVATION WORKERS	180	170	-10	30	11	SHORT-TERM ON-THE-JOB TRAINING
98705	REFUSE COLLECTORS	110	100	-10	30	11	SHORT-TERM ON-THE-JOB TRAINING
53502	WELFARE ELIG WORKERS, INTERVIEW	120	110	-10	20	10	MODERATE-TERM ON-THE-JOB TRAINING
85323	AIRCRAFT MECHANICS	170	160	-10	20	7	POST-SECONDARY VOCATIONAL EDUCATION
85728	ELEC INSTALLERS--TRANS EQUIPMENT	100	90	-10	20	7	POST-SECONDARY VOCATIONAL EDUCATION
28105	ADJUDICATORS, JUDICIAL REVIEWER	90	80	-10	10	4	WORK EXP, PLUS A BACHELOR'S OR HIGHER
32108	OPTOMETRISTS	90	80	-10	10	1	FIRST PROFESSIONAL DEGREE
53126	STATEMENT CLERKS	80	70	-10	10	11	SHORT-TERM ON-THE-JOB TRAINING
55328	STATISTICAL CLERKS	110	100	-10	10	10	MODERATE-TERM ON-THE-JOB TRAINING
58002	DISPATCH--POLICE, FIRE, AMBULANCE	90	80	-10	10	10	MODERATE-TERM ON-THE-JOB TRAINING
<b>TOTAL OF THESE OCCUPATIONS</b>		<b>5,630</b>	<b>5,200</b>	<b>-430</b>	<b>900</b>		

(1) Excludes not elsewhere classified (NEC) categories

(2) March 2000 Benchmark



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# Appendix

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## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
ABLE SEAMEN	854	97514
ACCOUNTANTS AND AUDITORS	30	21114
ACCOUNTANTS, AUDIT, FINANCE SPECIALISTS	25	21100
ACTUARIES	114	25313
ADJUDICATORS, JUDICIAL REVIEWERS	137	28105
ADJUSTMENT CLERKS	309	53123
ADMINISTRATIVE SERVICES MANAGERS	7	13014
ADVERTISING CLERKS	333	53908
AERONAUT, ASTRONAUTICAL ENGINEERS	53	22102
AGRICULTURE, FORESTRY, FISHING--NEC	489	79999
AGRICULTURAL SCIENCES TEACHERS, POSTSECONDARY	150	31201
AGRICULTURAL AND FOOD SCIENTISTS	91	24305
AGRICULTURAL ENGINEERS	60	22123
AGRICULTURAL, FORESTRY, FISHING	466	70000
AIR DISPATCHERS, AIR TRAFFIC CONTROLLER	267	39002
AIR HAMMER OPERATORS	596	87702
AIR TRANSPORTATION WORKERS	857	97700
AIRCRAFT ASSEMBLERS--PRECISION	791	93102
AIRCRAFT ENGINE SPECIALISTS	525	85326
AIRCRAFT MECHANICS	524	85323
AIRCRAFT PILOTS, FLIGHT ENGINEERS	858	97702
AMBULANCE DRIVERS & ATTENDANTS, EX EMER MED TECHS	440	66023
AMUSEMENT, RECREATION ATTENDANTS	454	68014
ANIMAL BREEDERS	479	79015
ANIMAL CARETAKERS--EXCEPT FARM	481	79017
ANIMAL TRAINERS	480	79016
ANNOUNCERS--EX RADIO, TELEVISION	252	34021
ANNOUNCERS--RADIO AND TELEVISION	251	34017
ANTHRO & SOCIOLOGY TEACHERS, POSTSECONDARY	166	31231
APPRAISERS--REAL ESTATE	279	43011
ARCHITECTS AND SURVEYORS	68	22300
ARCHITECTS--EX LANDSCAPE, MARINE	69	22302
ARCHITECTURE TEACHERS, POSTSECONDARY	162	31223
AREA,ETHNIC,&CULT STUDIES TEACHERS, POSTSECONDARY	167	31232
ART, DRAMA, MUSIC TEACHERS, POSTSECONDARY	160	31218
ARTISTS AND RELATED WORKERS	257	34035
ASSEMBL. FABRICATORS--EX MACH, ELECT, PRECISION	817	93956
ASSEMBLERS AND FABRICATORS--HAND WORKING	789	93000
ASSEMBLERS, NEC--PRECISION	797	93197
ASSEMBLERS, PRECISION	790	93100
ASSESSORS	48	21917
ATHLETES, COACHES, UMPIRERS, RELATED	265	34058
ATMOSPHERIC AND SPACE SCIENTISTS	86	24108
AUDIO-VISUAL SPECIALISTS	198	31508
AUTOMOTIVE BODY, RELATED REPAIRERS	518	85305
AUTOMOTIVE MECHANICS	517	85302
AUXILIARY EQUIPMENT OPERATORS--POWER	827	95023
BAGGAGE PORTERS AND BELLHOPS	457	68023
BAILIFFS	406	63023
BAKERS--BREAD AND PASTRY	423	65021

## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
BAKERS--MANUFACTURING	672	89805
BANKING, SECURITY, FINANCE, CREDIT	301	53100
BARBERS	450	68002
BARTENDERS	418	65005
BICYCLE REPAIRERS	563	85951
BILL AND ACCOUNT COLLECTORS	321	53508
BILLING, COST, AND RATE CLERKS	355	55344
BILLING, POSTING, CALCULATING MACHINE OPERATORS	358	56002
BINDERY MACH SETTERS, SET-UP OPERATORS	743	92525
BINDERY MACHINE OPERATORS	748	92546
BIOLOGICAL SCIENTISTS	92	24308
BIOLOGICAL,AGRICULTURAL &, FOOD TECHS EX HEALTH	96	24502
BLASTERS AND EXPLOSIVES WORKERS	612	87905
BOILER OPS, TENDERS-LOW PRESSURE	770	92926
BOILERMAKERS	638	89135
BOOKBINDERS	668	89721
BOOKKEEPING, ACCOUNTING CLERKS	353	55338
BRATTICE BUILDERS	574	87121
BRICK MASONS	578	87302
BRIDGE, LOCK, LIGHTHOUSE TENDERS	860	97802
BROADCAST NEWS ANALYSTS	250	34014
BROADCAST TECHNICIANS	255	34028
BROKERAGE CLERKS	311	53128
BROKERS-REAL ESTATE	277	43005
BUDGET ANALYSTS	31	21117
BUS AND TRUCK MECHANICS	520	85311
BUS DRIVERS	836	97108
BUS DRIVERS-SCHOOL	837	97111
BUSINESS TEACHERS, POSTSECONDARY	174	31242
BUTCHERS AND MEAT CUTTERS	424	65023
CABINETMAKERS AND BENCH CARPENTERS	644	89311
CAMERA OPERATORS	663	89713
CAMERA OPS-TV AND MOTION PICTURE	254	34026
CAMERA, PHOTOGRAPHIC EQUIPMENT REPAIRERS	552	85914
CANNERY WORKERS	810	93935
CAPTAINS--WATER VESSEL	850	97502
CARDIOLOGY TECHNOLOGISTS	239	32925
CARPENTERS	569	87102
CARPENTERS AND RELATED WORKERS	568	87100
CARPET CUTTERS, DIAGRAMMERS, SEAMERS	809	93932
CARPET INSTALLERS	592	87602
CARPET, FLOOR INSTALLERS	591	87600
CASHIERS	293	49023
CEILING TILE INSTALLERS	570	87105
CEMENTING, GLUING MACHINE OPERATORS, TENDERS	780	92956
CENTRAL OFFICE AND PBX INSTALLERS	529	85502
CENTRAL OFFICE OPERATORS	370	57108
CHEMICAL TECHNICIANS & TECHNOLOGISTS--EX HEALTH	97	24505
CHEMICAL ENGINEERS	57	22114
CHEMICAL EQUIPMENT CONTROLLERS, OPERATORS	773	92935

## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
CHEMICAL EQUIPMENT TENDERS	774	92938
CHEMICAL PLANT, SYSTEM OPERATORS	822	95008
CHEMISTRY TEACHERS, POSTSECONDARY	152	31204
CHEMISTS, EXCEPT BIOCHEMISTS	85	24105
CHILD CARE WORKERS	462	68038
CHIROPRACTORS	209	32113
CHOKE SETTERS	471	73005
CIVIL ENGINEERING TECHNICIANS	74	22502
CIVIL ENGINEERS--INCLUDING TRAFFIC	59	22121
CLAIMS EXAMINERS--INSURANCE	49	21921
CLAIMS TAKERS--UNEMPLOYMENT BENEFITS	38	21502
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES	443	67000
CLEANING, BUILDING SERVICE--EX PRIVATE HOUSES, NEC	448	67099
CLEANING, PICKLING EQUIPMENT OPERATORS,TENDERS	781	92958
CLERGY	131	27502
CLERICAL & ADMINISTRATIVE SUPPORT WORKERS, NEC	391	59999
CLERICAL, ADMINISTRATIVE SUPPORT, NEC	390	59000
CLERICAL, ADMINISTRATIVE SUPPORT	298	50000
COIL WINDERS, TAPERS, FINISHERS	801	93908
COIN, VENDING MACHINE SERVICERS	562	85947
COMB MACHINE TOOL OPERATORS--METAL, PLASTIC	705	91508
COMB MACHINE TOOL SETTERS--METAL, PLASTIC	704	91505
COMBINED FOOD PREPARATION AND SERVICE	430	65041
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIRERS	528	85500
COMM EQUIPMENT MECHANICS, INSTALLERS, & REPAIR, NEC	534	85599
COMM, TRANSPORTATION, UTILITIES OPERTIONS MGRS	16	15023
COMMUNICATION EQUIPMENT OPERATORS, NEC	372	57199
COMMUNICATION EQUIPMENT OPERATORS	367	57100
COMMUNICATIONS TEACHERS, POSTSECONDARY	157	31213
COMMUNICATIONS, MAIL DISTRIBUTION	366	57000
COMPLIANCE OFFICERS, ENFORCE INSPECT--EX CONSTRUCTION	46	21911
COMPUTER ENGINEERS	62	22127
COMPUTER OPERATORS--EX PERIPHERAL EQUIPMENT	361	56011
COMPUTER PROGRAMMER AIDES	107	25108
COMPUTER PROGRAMMERS	106	25105
COMPUTER SCIENCE TEACHERS, POSTSECONDARY	164	31226
COMPUTER SCIENTISTS AND RELATED	102	25100
COMPUTER SCIENTISTS, RELATED WORKERS, NEC	109	25199
COMPUTER SUPPORT SPECIALISTS	105	25104
COMPUTER, MATHEMATICAL, OPS RESEARCH, & RELATED	101	25000
CONCRETE AND TERRAZZO FINISHERS	581	87311
CONSTRUCTION AND BUILDING INSPECTORS	45	21908
CONSTRUCTION TRADES, EXTRACTIVE--HELPERS	889	98300
CONSTRUCTION, EXTRACTIVE--EX HELPERS, NEC	624	87999
CONSTRUCTION MANAGERS	14	15017
CONSTRUCTION TRADES	567	87000
CONSTRUCTION TRADES WORKERS, NEC	609	87899
CONSTRUCTION TRADES, NEC	601	87800
CONTINUOUS MINING MACHINE OPERATOR	620	87941
CONVEYOR OPERATORS AND TENDERS	881	97951

## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
COOKING MACHINE OPS,TENDERS-FOOD,TOBACCO	767	92917
COOKS--INSTITUTION OR CAFETERIA	426	65028
COOKS--RESTAURANT	425	65026
COOKS--SHORT ORDER	428	65035
COOKS--SPECIALTY FAST FOOD	427	65032
COOLING, FREEZING EQUIPMENT OPERATORS, TENDERS	771	92928
CORRECTION OFFICERS, JAILERS	404	63017
CORRECTIVE, MANUAL ARTS THERAPISTS	216	32311
CORRESPONDENCE CLERKS	346	55317
COST ESTIMATORS	43	21902
COUNTER AND RENTAL CLERKS	291	49017
COUNTER ATTENDANTS--FOOD	422	65017
COURT CLERKS	323	53702
CRANE AND TOWER OPERATORS	879	97944
CREDIT ANALYSTS	27	21105
CREDIT AUTHORIZERS	306	53114
CREDIT CHECKERS	307	53117
CRIMINAL INVESTIGATORS, FEDERAL	408	63028
CRIMINAL JUSTICE & LAW ENFORCEMENT TEACHERS,	176	31246
CROSSING GUARDS	413	63044
CRUSHING, MIXING MACHINE OPERATORS, TENDERS	783	92965
CURATORS, ARCHIVISTS, AND RELATED	199	31511
CUSTOM TAILORS AND SEWERS	649	89505
CUSTOMER SERVICE REPRESENTATIVES--UTILITIES	352	55335
CUTTING, FORMING, FABRICATING, PROCESS MACH SETTER	728	92197
CUTTING, FORMING, FABRICATING, PROCESS MACH OPS	729	92198
CUTTING & SLICING MACHINE SETTERS & SET-UP OPS	775	92941
CUTTERS AND TRIMMERS--HAND	807	93926
CUTTING & SLICING MACHINE OPERATORS & TENDERS	776	92944
DAIRY PROCESSING EQUIPMENT OPERATORS--INC SETTERS	772	92932
DANCERS AND CHOREOGRAPHERS	263	34053
DATA BASE ADMINISTRATORS	104	25103
DATA ENTRY KEYERS--EX COMPOSING	363	56017
DATA KEYERS--COMPOSING	364	56021
DATA PROCESSING EQUIPMENT REPAIRERS	537	85705
DEMONSTRATORS AND PROMOTERS	295	49034
DENTAL ASSISTANTS	433	66002
DENTAL HYGIENISTS	233	32908
DENTAL LABORATORY TECHNICIANS, PRECISION	682	89921
DENTISTS	206	32105
DERRICK OPERATORS--OIL, GAS EXTRACTION	615	87914
DESIGNERS, EX INTERIOR DESIGNERS	258	34038
DETAIL DESIGN DECORATORS, PAINTERS	679	89911
DETECTIVES, INVESTIGATORS--EX PUBLIC	410	63035
DIETETIC TECHNICIANS	229	32523
DIETITIANS AND NUTRITIONISTS	228	32521
DINING ROOM ATTENDANTS, BAR HELPERS	421	65014
DIRECTORS--RELIGIOUS ACTIVITIES, EDUC	132	27505
DIRECTORY ASSISTANCE OPERATORS	369	57105
DISPATCH--EX POLICE, FIRE, AMBULANCE	380	58005

## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
DISPATCH--POLICE, FIRE, AMBULANCE	379	58002
DRAFTERS	78	22514
DRAGLINE OPERATORS	873	97926
DREDGE OPERATORS, DIPPER TENDERS	874	97928
DRILLING MACHINE SETTER--METAL, PLASTIC	690	91108
DRIVER/SALES WORKERS	839	97117
DRYWALL INSTALLERS	571	87108
DUPLICATING MACHINE OPERATORS	359	56005
DYERS, PRECISION	654	89521
EARTH DRILLERS, EXCEPT OIL AND GAS	611	87902
ECONOMICS TEACHERS, POSTSECONDARY	168	31233
ECONOMISTS--INCL MARKET RESEARCH ANALYST	120	27102
EDP AND OFFICE MACHINE OCCUPATIONS	357	56000
EDUCATION ADMINISTRATORS	10	15005
EDUCATION TEACHERS, POSTSECONDARY	178	31252
ELECTRICAL INSTALLERS--TRANSPORTATION EQUIPMENT	545	85728
ELECTRICAL AND ELECTRONIC ENGINEERS	61	22126
ELECTRICAL EQUIPMENT MECHANICS, NEC	546	85799
ELECTRIC HOME APPLIANCE & POWER TOOL REPAIRERS	539	85711
ELECTRONIC HOME ENTERTAINMENT EQUIP REPAIRERS	538	85708
ELECTRIC METER INSTALLERS, REPAIRERS	551	85911
ELECTRIC MOTOR, AND RELATED REPAIRERS	540	85714
ELECTRICAL POWERLINE INSTALLERS	543	85723
ELECTRONICS REPAIRERS--COMMERCIAL & INDUSTRIAL	541	85717
ELECTRICAL & ELECTRONIC ENGINEERING TECHS & TECHNO	75	22505
ELECTRICAL EQUIPMENT ASSEMBLERS--PRECISION	795	93114
ELECTRICAL, ELECTRONIC ASSEMBLERS	800	93905
ELECTRICIANS	576	87202
ELECTRICIANS AND RELATED WORKERS	575	87200
ELECTROCARDIOGRAPH TECHNICIANS	240	32926
ELECTROLYTIC PLATING, MACHINE OPERATORS	719	91921
ELECTROLYTIC PLATING, MACHINE SETTER	718	91917
ELECTROMECHANICAL EQUIPMENT ASSEMBLERS--PRECISION	794	93111
ELECTROMEDICAL, BIOMEDICAL EQUIPMENT REPAIRER	550	85908
ELECTRONEURODIAGNOSTIC TECHNOLOGISTS	238	32923
ELECTRONIC PAGINATION SYSTEM WORKERS	660	89707
ELECTRONIC SEMICONDUCTOR PROCESSOR	762	92902
ELEVATOR INSTALLERS AND REPAIRERS	558	85932
ELEVATOR OPERATORS	447	67011
EMBALMERS	271	39014
EMERGENCY MEDICAL TECHNICIANS	223	32508
EMPLOYMENT INTERVIEWERS--PRIVATE OR PUBLIC	40	21508
ENGINEER, MATH, AND NATURAL SCIENCE MANAGERS	8	13017
ENGINEERING TEACHERS, POSTSECONDARY	161	31222
ENGINEERING, RELATED TECHNICIANS	73	22500
ENGINEERING, RELATED TECHS & TECHNO, NEC	81	22599
ENGINEERS	52	22100
ENGINEERS, ARCHITECTS, SURVEYORS	51	22000
ENGINEERS, NEC	67	22199
ENGLISH LANG & LIT TEACHERS, POSTSECONDARY	158	31214

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
ENGRAVING, PRINTING WORKERS--HAND	815	93951
ESTIMATORS, DRAFTERS--UTILITIES	79	22517
ETCHERS, ENGRAVERS--PRECISION	636	89128
EXCAVATING, LOADING MACHINE OPERATORS	872	97923
EXTRACTIVE AND RELATED WORKERS	610	87900
EXTRACTIVE WORKERS--EX HELPERS,NEC	623	87989
EXTRUDING MACHINE OPS,TENDERS--SYNTHETIC/GLASS	753	92708
EXTRUDING MACHINE SETTERS--METAL,PLASTIC	698	91311
EXTRUDING, FORMING MACHINE OPERATORS, TENDERS	785	92971
EXTRUDING, FORMING, SETTERS & SET-UP OPERATORS	784	92968
FALLERS AND BUCKERS	470	73002
FARM AND HOME MANAGEMENT ADVISORS	193	31323
FARM EQUIPMENT MECHANICS	523	85321
FARM EQUIPMENT OPERATORS	482	79021
FARMWORKERS-FARM/RANCH ANIMALS	488	79858
FARMWORKERS-FOOD, FIBER CROPS	487	79856
FENCE ERECTORS	608	87817
FILE CLERKS	347	55321
FILM EDITORS	256	34032
FINANCIAL ANALYSTS, STATISTICAL	115	25315
FINANCIAL MANAGERS	3	13002
FINANCIAL SPECIALISTS, NEC	32	21199
FIRE FIGHTERS	401	63008
FIRE FIGHTING & PREVENTION SUPERVISORS	394	61002
FIRE INSPECTORS	399	63002
FIRST-LINE SUP/MGR SERVICE WORKERS, NEC	397	61099
FIRST-LINE SUP/MGR, CLERICAL, ADMINISTRATIVE SUPPORT	299	51000
FIRST-LINE SUP/MGR--AGRICULTURAL, FORESTRY, FISHING	467	72000
FIRST-LINE SUP/MGR-BLUE COLLAR	491	81000
FIRST-LINE SUP/MGR-BLUE COLLAR NEC	497	81099
FIRST-LINE SUP/MGR-CONSTRUCTION	493	81005
FIRST-LINE SUP/MGR-HELP, LABORERS	496	81017
FIRST-LINE SUP/MGR-MECHANICS, INSTALLERS, REPAIRERS	492	81002
FIRST-LINE SUP/MGR-PRODUCTION	494	81008
FIRST-LINE SUP/MGR--SALES	274	41000
FIRST-LINE SUP/MGR--SERVICE	393	61000
FIRST-LINE SUP/MGR-TRANSPORTATION	495	81011
FIRST-LINE SUPERVISORS - AGRICULTURE	468	72002
FISH AND GAME WARDENS	412	63041
FITTERS, STRUCTURAL METAL--PRECISION	793	93108
FLIGHT ATTENDANTS	458	68026
FLOOR LAYERS--EX CARPET,WOOD,TILES	593	87605
FLOOR SANDING MACHINE OPERATORS	594	87608
FOOD AND TOBACCO WORKERS, NEC	674	89899
FOOD BATCHMAKERS	673	89808
FOOD PREPARATION WORKERS	429	65038
FOOD SERVERS--OUTSIDE	420	65011
FOOD SERVICE AND LODGING MANAGERS	17	15026
FOOD SERVICE WORKERS, NEC	431	65099
FOOD WORKERS, PRECISION	670	89800

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
FOOD, BEVERAGE PREPARATION AND SERVICE OCCS	416	65000
FOREIGN LANG & LITERATURE TEACHERS, POSTSECONDARY	159	31215
FOREST FIRE INSPECTORS, PREVENT SPECIALISTS	400	63005
FOREST, CONSERVATION WORKERS	476	79002
FORESTERS, CONSERVATION SCIENTISTS	90	24302
FORGING MACHINE SETTERS--METAL, PLASTIC	700	91317
FOUNDRY MOLD ASSEMBLY, SHAKEOUT	717	91914
FOUNDRY MOLD,CORE MAKERS,PRECISION	676	89902
FRAME WIRERS, CENTRAL OFFICE	530	85505
FREIGHT, MATERIAL MOVERS-HAND, NEC	904	98799
FREIGHT, STOCK, MATERIAL MOVERS, HAND	901	98700
FUNERAL ATTENDANTS	463	68041
FUNERAL DIRECTORS AND MORTICIANS	270	39011
FURNACE OPERATORS AND TENDERS	724	91935
FURNACE, KILN, KETTLE OPERATORS, TENDERS	769	92923
FURNITURE FINISHERS	645	89314
GAS APPLIANCE REPAIRERS	561	85944
GAS COMPRESSOR OPERATORS	871	97921
GAS PLANT OPERATORS	821	95005
GAS PUMPING STATION OPERATORS	870	97917
GAUGERS	825	95017
GEM AND DIAMOND WORKERS	684	89926
GENERAL MANAGERS, TOP EXECUTIVES	21	19005
GENERAL OFFICE CLERKS	356	55347
GEOGRAPHY TEACHERS, POSTSECONDARY	169	31234
GEOLOGIST, GEOPHYSICISTS, OCEANOGRAPHERS	87	24111
GLAZIERS	606	87811
GLAZIERS, MANUFACTURING	802	93911
GRADER, DOZER, SCRAPER OPERATORS	877	97938
GRADERS, SORTERS--AGRICULTURAL PRODUCTS	478	79011
GRADUATE ASSISTANTS, TEACHING	149	31117
GRINDING MACHINE SETTER--METAL,PLASTIC	692	91114
GRINDING, POLISHING WORKERS--HAND	816	93953
GUARDS AND WATCH GUARDS	414	63047
GUIDES	455	68017
HAIRDRESSERS, HAIRSTYLISTS	451	68005
HAND COMPOSITORS AND TYPESETTERS	657	89702
HAND PACKERS AND PACKAGERS	906	98902
HAND WORKERS, NEC	818	93999
HAND WORKERS--JEWELRY, PRECISION	635	89126
HARD TILE SETTERS	580	87308
HAZARDOUS MATERIALS REMOVAL WORKERS	603	87803
HEAD SAWYERS	732	92305
HEALTH ASSESSMENT & TREATMENT TEACHERS, POSTSEC	156	31212
HEALTH CARE MAINTENANCE, TREATING	220	32500
HEALTH CARE PROFESSIONALS, PARAPROFS, NEC	244	32999
HEALTH DIAGNOSING, TREATING	204	32100
HEALTH DIAGNOSING, TREATING, NEC	211	32199
HEALTH DIAGNOSTICS TEACHERS, POSTSECONDARY	155	31211
HEALTH PRACTITIONERS, TECHS, RELATED	203	32000

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
HEALTH SERVICE WORKERS, NEC	442	66099
HEALTH SERVICE, RELATED OCCS	432	66000
HEAT TREATING MACHINE OPS, TENDERS	723	91932
HEATERS, METAL & PLASTIC	725	91938
HEATING EQUIP SETTERS-METAL, PLASTIC	722	91928
HEATING, AC, REFRIGERATION MECHANICS	548	85902
HELPERS, LABORERS, HAND--EX AGRICULTURE & FORESTRY	886	98000
HELPERS--BRICK,STONE MASONS	890	98311
HELPERS--CARPENTERS AND RELATED	891	98312
HELPERS--CONSTRUCTION TRADES, NEC	896	98319
HELPERS--CONST TRADES & EXTRACT WORKERS	898	98399
HELPERS--ELECTRICIANS, POWERLINE INSTALLERS	892	98313
HELPERS--EXTRACTIVE WORKERS	897	98323
HELPERS--PAINTERS AND RELATED	893	98314
HELPERS--PLUMBERS AND RELATED	894	98315
HELPERS--ROOFERS	895	98316
HIGHWAY MAINTENANCE WORKERS	599	87711
HISTORY TEACHERS, POSTSECONDARY	170	31235
HOIST AND WINCH OPERATORS	878	97941
HOME ECONOMICS TEACHERS, POSTSECONDARY	182	31262
HOME HEALTH CARE WORKERS	436	66011
HOSTS, HOSTesses--RESTAURANTS	417	65002
HOTEL DESK CLERKS	329	53808
HOUSEKEEPING SUPERVISORS	396	61008
HUMAN SERVICES WORKERS	128	27308
INDUSTRIAL ENGINEERING TECHS & TECHNOS	76	22508
INDUST ENGINEERS--EXCEPT SAFETY	63	22128
INDUSTRIAL PRODUCTION MANAGERS	13	15014
INDUSTRIAL TRUCK,TRACTOR OPERATORS	880	97947
INDUSTRY SPECIFIC CLERICAL, ADMINISTRATIVE SUPPORT	300	53000
INSURANCE ADJUSTERS, EXAMINERS, INVESTIGATORS	313	53302
INSPECTORS, RELATED OCCUPATIONS	498	83000
INSPECTORS, TESTERS, RELATED, NEC	502	83099
INSPECTORS,TESTERS,& GRADERS,PRECISION	499	83002
INSTALLER & REPAIRER, MOBILE HOME	560	85938
INSTRUCTIONAL COORDINATORS	201	31517
INSTRUCTORS AND COACHES--SPORTS	192	31321
INSTRUCTORS--NON-VOCATIONAL EDUCATION	191	31317
INSTRUMENT MAKERS, PRECISION	628	89105
INSTRUMENT REPAIRERS, PRECISION	549	85905
INSULATION WORKERS	602	87802
INSURANCE APPRAISERS--AUTO DAMAGE	314	53305
INSURANCE CLAIMS CLERKS	316	53311
INSURANCE EXAMINING CLERKS	315	53308
INSURANCE POLICY PROCESSING CLERKS	317	53314
INSURANCE WORKERS	312	53300
INTERIOR DESIGNERS	259	34041
INTERVIEW CLERKS--EX PERSONNEL, WELFARE	351	55332
INVESTIGATIVE, RELATED, EX INSURANCE	318	53500
INVESTIGATORS--CLERICAL	320	53505

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
JANITORS, CLEANERS--EXCEPT MAIDS	445	67005
JEWELERS AND SILVERSMITHS	634	89123
JOB PRINTERS	658	89705
JUDGES AND MAGISTRATES	136	28102
LABORERS, LANDSCAPING/GROUNDSKEEPING	485	79041
LANDSCAPE ARCHITECTS	71	22308
LATHE MACHINE SETTERS--METAL, PLASTIC	689	91105
LATHERS	573	87114
LAW AND RELATED OCCUPATIONS	134	28000
LAW CLERKS	140	28302
LAW TEACHERS, POSTSECONDARY	175	31244
LAWN SERVICE MANAGER	19	15032
LAWYERS	138	28108
LAWYERS AND RELATED WORKERS	135	28100
LAYOUT WORKERS--METAL, PRECISION	632	89117
LECTURERS	147	31111
LEGAL ASSISTANTS, TECHNICIANS, EX CLERICAL	139	28300
LEGAL ASSISTANTS, TECHNICIANS--EX CLERICAL, NEC	144	28399
LETTERPRESS SETTERS, SET-UP OPERATORS	739	92515
LIBRARIANS, ARCHIVISTS AND RELATED	195	31500
LIBRARIANS--PROFESSIONAL	196	31502
LIBRARY ASSISTANTS & BOOKMOBILE DRIVERS	331	53902
LIBRARY SCIENCE TEACHERS, POSTSECONDARY	180	31256
LICENSE CLERKS	325	53708
LICENSED VOCATIONAL NURSES	222	32505
LIFE SCIENCES TEACHERS, POSTSECONDARY	151	31202
LIFE SCIENTISTS	89	24300
LIFE SCIENTISTS, NEC	94	24399
LITHOGRAPHY & PHOTOENGRAVING WORKERS,NEC	667	89719
LITHOGRAPHY & PHOTOENGRAVING, PRECISION	661	89710
LAUNDRY, DRYCLEAN MACH OPS--EX PRESS	759	92726
LOADING MACHINE OPERATORS--MINING	875	97932
LOAN AND CREDIT CLERKS	308	53121
LOAN INTERVIEWERS	305	53111
LOAN OFFICERS AND COUNSELORS	28	21108
LOCKSMITHS AND SAFE REPAIRERS	555	85923
LOCOMOTIVE ENGINEERS	843	97305
LOCOMOTIVE FIRERS	845	97311
LODGING AND TRAVEL WORKERS	326	53800
LOG GRADERS AND SCALERS	477	79008
LOG HANDLING EQUIPMENT OPERATORS	472	73008
LOGGING TRACTOR OPERATORS	473	73011
LONGSHORE EQUIPMENT OPERATORS	865	97902
MACHINE BUILDERS & OTHER PRECISION MACH ASSEMBLER	792	93105
MACHINE FORMING OPS,TENDERS--METAL, PLASTIC	701	91321
MACHINE FORMING SETTERS--METAL,PLASTIC	694	91300
MACHINE SETTER,SET-UP,OP--EX METAL,PLASTIC	761	92900
MACHINE SETTERS, SET-UP OPERATORS, & TENDERS	686	91000
MACHINE TOOL CUTTING OPS--METAL,PLASTIC	693	91117
MACHINE TOOL CUTTING--METAL, PLASTIC	687	91100

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MACHINE TOOL SETTERS, OPS--METAL,PLASTIC	702	91500
MACHINE ASSEMBLERS	799	93902
MACHINE FEEDERS AND OFFBEARERS	899	98500
MACHINE FEEDERS AND OFFBEARERS,NEC	900	98502
MACHINE OPERATORS AND TENDERS, NEC	788	92998
MACHINE SETTERS & SET-UP OPERATORS, NEC	787	92997
MACHINERY AND RELATED MECHANICS	504	85100
MACHINERY MAINT MECHANICS, NEC	511	85119
MACHINERY MAINTENANCE MECHANICS	505	85110
MACHINERY MAINTENANCE WORKERS	514	85128
MACHINISTS	629	89108
MAIDS AND HOUSEKEEPING CLEANERS	444	67002
MAIL CLERKS-EX MAIL MACHINE OPERATORS, POSTAL	374	57302
MAIL MACHINE OPERATORS--PREP AND HANDLING	360	56008
MAIL, MESSAGE DISTRIBUTION WORKERS	373	57300
MAIN LINE STATION ENGINEERS	869	97914
MAINTENANCE MECHANICS--MARINE EQUIP	508	85116
MAINTENANCE MECHANICS--WATER, POWER	510	85118
MAINTENANCE REPAIRERS, GENERAL UTILITY	515	85132
MAINTENANCE MECHANICS--SEWING MACHINE	507	85113
MAINTENANCE MECHANICS--TEXTILE	506	85112
MANAGEMENT ANALYSTS	44	21905
MANAGEMENT SUPPORT OCCUPATIONS	24	21000
MANAGEMENT SUPPORT WORKERS, NEC	50	21999
MANAGERS AND ADMINISTRATORS, NEC	22	19999
MANICURISTS	452	68008
MARINE ARCHITECTS	70	22305
MARINE ENGINEERS	66	22138
MARKING CLERKS	385	58021
MASONS AND RELATED WORKERS	577	87300
MATERIAL MOVEMENT EQUIPMENT OPERATORS	864	97900
MATERIAL MOVING EQUIP OPERATORS, NEC	884	97989
MATERIAL RECORDING, DISPATCHING	378	58000
MATERIAL RECORDING, RELATED, NEC	389	58099
MATES--SHIP, BOAT, AND BARGE	851	97505
MATH SCIENTISTS AND RELATED	110	25300
MATHEMATICAL SCIENCES TEACHERS, POSTSECONDARY	163	31224
MATHEMATICAL SCIENTISTS	112	25310
MATHEMATICAL SCIENTISTS, NEC	116	25319
MATHEMATICAL TECHNICIANS	117	25323
MEAT, POULTRY, FISH CUTTERS--HAND	811	93938
MECHANICAL CONTROL, VALVE INSTALLERS	557	85928
MECHANIC AND REPAIRER HELPERS	887	98100
MECHANIC AND REPAIRER HELPERS, NEC	888	98102
MECHANICAL ENGINEERING TECHNICIANS	77	22511
MECHANICAL ENGINEERS	65	22135
MECHANICS, INSTALLERS, REPAIRERS	503	85000
MECHANICS, NEC	527	85399
MECHANICS, INSTALLERS, REPAIRERS, NEC	566	85999
MEDICAL, CLINICAL LAB ASSISTANTS	232	32905

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MEDICAL, CLINICAL LAB TECHNOLOGISTS	231	32902
MEDICAL APPLIANCE MAKERS	683	89923
MEDICAL ASSISTANTS	434	66005
MEDICAL RECORDS TECHNICIANS	234	32911
MEDICAL SCIENTISTS	93	24311
MEDICINE, HEALTH SERVICES MANAGERS	11	15008
MENDERS, GARMENTS AND LINENS	565	85956
MERCHANDISE DISPLAYERS, WINDOW TRIMMERS	260	34044
MERCHANDISE, PRODUCTS AND OTHER SALES	285	49000
MESSENGERS	377	57311
METAL FABRICATING MACH SETTERS,OPS	706	91700
METAL FABRICATOR, STRUCTURAL METAL PRODUCTS	711	91714
METAL MOLDING MACHINE OPERATORS AND TENDERS	716	91911
METAL MOLDING, MACHINE SETTER, SET-UP	715	91908
METAL POURERS, CASTERS-BASIC	812	93941
METAL WORKERS, NEC--PRECISION	639	89199
METAL WORKERS, PRECISION	626	89100
METAL, PLASTIC MACHINE SETTERS, OPS NEC	727	92100
METAL, PLASTIC PROCESS MACHINE SETTERS	712	91900
METALLURGISTS, RELATED ENGINEERS	54	22105
METER READERS--UTILITIES	383	58014
MANAGERS AND ADMINISTRATIVE OCCUPATIONS	2	10000
MILLING MACHINE SETTERS--METAL,PLASTIC	691	91111
MILLWRIGHTS	512	85123
MINE CUTTING, CHANNELING MACHINE OPERATORS	621	87943
MINING ENGINEERS--INCL MINE SAFETY	55	22108
MINING MACHINE OPERATORS	619	87940
MINING MACHINE OPERATORS, NEC	622	87949
MINING, OIL AND GAS, RELATED MANAGERS	15	15021
MISC AGRICULTURE, FORESTRY, FISHING	475	79000
MISC HELPERS, LABORERS--HAND	905	98900
MISC HELPERS, LABORERS--HAND, NEC	908	98999
MISC INDUSTRY SPECIFIC CLERICAL	330	53900
MISC MECHANICS, INSTALLERS, REPAIRERS	547	85900
MISC METAL, PLASTIC MACHINE SETTERS OPERATORS	726	91999
MISC PERSONAL SERVICE OCCUPATIONS	449	68000
MISC PROFESSIONALS, PARAPROFS, TECHNICAL	266	39000
MISC SECRETARIAL, GENERAL OFFICE OCCS	341	55300
MISC SERVICE WORKERS	464	69000
MISC TRANSPORTATION WORKERS	859	97800
MARKETING, ADVERTISING, PUBLIC-RELATIONS MANAGERS	6	13011
MOBILE EQUIPMENT MECHANICS, REPAIRERS	516	85300
MOBILE HEAVY EQUIP MECHANICS--EX ENGINE	521	85314
MODELS	296	49036
MOLDERS AND CASTERS--HAND	813	93944
MOLDERS, SHAPERS--EX JEWELRY	677	89905
MOTION PICTURE PROJECTIONISTS	763	92905
MOTOR VEHICLE OPERATORS	833	97100
MOTOR VEHICLE OPERATORS, NEC	840	97199
MOTORBOAT OPERATORS	853	97511

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
MOTORCYCLE REPAIRERS	519	85308
MUNICIPAL CLERKS	324	53705
MUNICIPAL WORKERS	322	53700
MUSIC DIRECTORS, SINGERS, COMPOSERS	261	34047
MUSICAL INSTRUMENT REPAIRERS AND TUNERS	554	85921
MUSICIANS--INSTRUMENTAL	262	34051
NATURAL SCIENTISTS AND RELATED WORKERS	82	24000
NUMERICALC TOOL, PROCESS PROGRAMMERS	108	25111
NEW ACCOUNTS CLERKS	303	53105
NONELECTROLYTIC PLATING & COATING MACHINE-OPS	721	91926
NONELECTROLYTIC PLATING MACHINE-SETTERS & SET-UP	720	91923
NUCLEAR ENGINEERS	58	22117
NUCLEAR MEDICINE TECHNOLOGISTS	236	32914
NUCLEAR TECHNICIANS	98	24508
NUMERICAL MACHINE TOOL OPS--METAL, PLASTIC	703	91502
NURSE AIDES, ORDERLIES, ATTENDANTS	435	66008
NURSERY & GREENHOUSE MANAGER	18	15031
NURSING INSTRUCTORS, POSTSECONDARY	148	31114
OCCUPATIONAL THERAPISTS	214	32305
OCCUPATIONAL THERAPY ASSISTANTS	439	66021
OCCUPATIONS NOT CLASSIFIED	909	
OFFICE MACHINE, CASH REGISTER SERVICERS	556	85926
OFFICE MACHINE OPERATORS, NEC	365	56099
OFFSET LITHOGRAPHIC PRESS SETTERS	738	92512
OIL PUMPERS--EXCEPT WELL HEAD	867	97908
OPERATING ENGINEERS	883	97956
OPERATIONS & SYSTEMS RESEARCHERS--EX COMPUTER	111	25302
OPTICAL GOODS WORKERS, PRECISION	681	89917
OPTICIANS--DISPENSING, MEASURING	225	32514
OPTOMETRISTS	207	32108
ORDER CLERKS--MATERIALS, SERVICE	348	55323
ORDER FILLERS--WHOLESALE & RETAIL SALE	387	58026
ORDINARY SEAMEN AND MARINE OILERS	855	97517
OTHER SOCIAL SCIENCE RELATED WORKERS	124	27300
OTHER ELECTRICAL EQUIPMENT MECHANICS	535	85700
OTHER HAND WORKERS	798	93900
OTHER HEALTH PROFESSIONALS, PARAPROFS	230	32900
OTHER MANAGEMENT SUPPORT WORKERS	42	21900
OTHER PRECISION WORKERS	675	89900
OTHER PROFESSIONALS, PARAPROF, TECHNICAL	272	39999
OTHER TEACHERS AND INSTRUCTORS	184	31300
PACKAGING, FILLING MACHINE OPERATORS, TENDERS	786	92974
PAINT, COAT & SPRAY MACHINE SETTERS	778	92951
PAINTERS AND RELATED WORKERS	584	87400
PAINTERS, PAPERHANGERS--CONSTRUCTION	585	87402
PAINTERS, TRANSPORTATION EQUIPMENT	777	92947
PAINTING, COATING, DECORATING--HAND	814	93947
PAINTING, RELATED MACHINE OPERATORS, TENDERS	779	92953
PAPER GOODS MACHINE SETTERS, SET-UP OPERATORS	766	92914
PARALEGAL PERSONNEL	141	28305

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PARKING ENFORCEMENT OFFICERS	405	63021
PARKING LOT ATTENDANTS	862	97808
PARKS,REC,LEISURE,FITNESS STUDIES TEACHERS, POST	181	31258
PASTE UP WORKERS	659	89706
PATTERN AND MODEL MAKERS--METAL	631	89114
PATTERN AND MODEL MAKERS--WOOD	641	89302
PATTERN MARKERS--WOOD	642	89305
PATTERNMAKERS AND LAYOUT WORKERS	648	89502
PATTERNMAKERS, MODEL MAKERS, LAYOUT	678	89908
PAVING, TAMPING-EQUIPMENT OPERATORS	598	87708
PAYROLL AND TIMEKEEPING CLERKS	354	55341
PERIPHERAL EDP EQUIPMENT OPERATORS	362	56014
PERSONNEL CLERKS--EX PAYROLL	345	55314
PERSONNEL, TRAINING, LABOR-RELATIONS MANAGERS	4	13005
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS	37	21500
PERSONNEL, TRAINING, LABOR-RELATIONS SPECIALISTS, NEC	41	21511
PERSONAL AND HOME CARE AIDES	461	68035
PEST CONTROLLERS AND ASSISTANTS	446	67008
PETROLEUM REFINERY, CONTROL PANEL OPERATORS	824	95014
PETROLEUM ENGINEERS	56	22111
PETROLEUM PUMP SYSTEM OPERATORS	823	95011
PETROLEUM TECHNICIANS	99	24511
PHARMACISTS	226	32517
PHARMACY AIDES	441	66026
PHARMACY TECHNICIANS	227	32518
PHILOSOPHY & RELIGION TEACHERS, POSTSECONDARY	179	31254
PHOTOENGRAVERS	662	89712
PHOTOENGRAVING, LITHOGRAPHING MACHINE OPERATORS	747	92545
PHOTOGRAPHERS	253	34023
PHOTOGRAPHIC PROCESSING MACHINE OPS & TENDERS	764	92908
PHOTOGRAPHIC PROCESS WORKER,PRECISION	680	89914
PHYSICAL SCIENCE TEACHERS, POSTSECONDARY	154	31209
PHYSICAL SCIENTISTS	83	24100
PHYSICAL SCIENTISTS, NEC	88	24199
PHYSICAL THERAPISTS	215	32308
PHYSICAL THERAPY ASSISTANTS & AIDES	438	66017
PHYSICAL, LIFE SCIENCE TECHNICIANS	95	24500
PHYSICAL, LIFE SCIENCE TECHNICIANS, NEC	100	24599
PHYSICIANS AND SURGEONS	205	32102
PHYSICIAN'S ASSISTANTS	224	32511
PHYSICISTS AND ASTRONOMERS	84	24102
PHYSICS TEACHERS, POSTSECONDARY	153	31206
PILE DRIVING OPERATORS	597	87705
PILOTS--SHIP	852	97508
PIPELAYERS	589	87508
PIPELAYING FITTERS	588	87505
PLANT AND SYSTEM OCCUPATIONS	819	95000
PLANT AND SYSTEM OPERATORS, NEC	831	95099
PLAST MOLDING, CASTING MACHINE SETTER	713	91902
PLASTERERS AND STUCCO MASONS	583	87317

## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PLASTIC MOLDING, CASTING MACHINE OPS	714	91905
PLATEMAKERS	666	89718
PLUMBERS AND RELATED WORKERS	586	87500
PLUMBERS, PIPEFITTERS, STEAMFITTER	587	87502
PODIATRISTS	208	32111
POLICE AND DETECTIVE SUPERVISORS	395	61005
POLICE DETECTIVES	402	63011
POLICE PATROL OFFICERS	403	63014
POLITICAL SCIENCE TEACHERS, POSTSECONDARY	171	31236
PORTABLE MACHINE CUTTERS	808	93928
POSTAL MAIL CARRIERS	375	57305
POSTAL SERVICE CLERKS	376	57308
POSTMASTERS, MAIL SUPERINTENDENTS	9	15002
POSTSECONDARY TEACHERS	146	31100
POSTSECONDARY TEACHERS, NEC	183	31299
POWER DISTRIBUTORS AND DISPATCHERS	829	95028
POWER PLANT OPS--EX AUXILIARY EQUIPMENT	826	95021
POWER REACTOR OPERATORS	828	95026
POWERHOUSE, RELATED ELECTRICIANS	542	85721
PRESS MACHINE SETTERS--METAL, PLASTIC	696	91305
PRESSERS--DELICATE FABRICS	653	89517
PRESSERS--HAND	805	93921
PRESSING MACH OPS--TEXTILE, GARMENT	760	92728
PRINT PRESS SETTERS,SET UP OPS	737	92510
PRINT PRESS SETTERS,SET-UP OPS NEC	740	92519
PRINT REL SETTERS, SET-UP OPS, NEC	744	92529
PRINT, BINDING, RELATED MACHINE OPS, TENDER	749	92549
PRINTING PRESS MACHINE OPS, TENDER	746	92543
PRINTING WORKERS, NEC--PRECISION	669	89799
PRINTING WORKERS, PRECISION	656	89700
PRINTING, BINDING, RELATED WORKERS	736	92500
PROCUREMENT CLERKS	349	55326
PROD INSPECTORS, TESTERS, & GRADER	500	83005
PROD, CONST, OPER, MATERIAL HANDLING	490	80000
PROD, PLANNING, EXPEDITING CLERKS	381	58008
PRODUCERS, DIRECTORS, ACTORS	264	34056
PRODUCTION OCCUPATIONS, PRECISION	625	89000
PROFESSIONAL, PARAPROF, TECHNICAL	23	20000
PROOFREADERS AND COPY MARKERS	334	53911
PROPERTY AND REAL ESTATE MANAGERS	12	15011
PROTECTIVE SERVICE OCCUPATIONS	398	63000
PROTECTIVE SERVICE WORKERS, NEC	415	63099
PRUNERS	483	79033
PSYCHIATRIC AIDES	437	66014
PSYCHIATRIC TECHNICIANS	242	32931
PSYCHOLOGISTS	122	27108
PSYCHOLOGY TEACHERS, POSTSECONDARY	172	31237
PUBLIC ADMIN CHIEF EXECUTIVES, LEGISLATORS	20	19002
PUBLIC RELATIONS SPECIALISTS, PUBLICITY WRITERS	248	34008
PUMP OPERATORS	882	97953

## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
PUNCH MACHINE SETTERS--METAL, PLASTIC	695	91302
PURCHASING AGENTS AND BUYERS--FARM PRODUCTS	35	21305
PURCHASING AGENTS--EX WHOLESALE, RETAIL, FARM PRODS	36	21308
PURCHASING AGENTS AND BUYERS	33	21300
PURCHASING MANAGERS	5	13008
RADIATION THERAPISTS	235	32913
RADIO MECHANICS	533	85514
RADIO OPERATORS	269	39008
RADIOLOGIC TECHNOLOGISTS	237	32919
RAIL CAR REPAIRERS	522	85317
RAIL TRANSPORTATION WORKERS	841	97300
RAIL VEHICLE OPERATIVES, NEC	848	97399
RAIL YARD ENGINEERS AND RELATED	844	97308
RAILROAD BRAKE, SIGNAL, SWITCH OPERATORS	847	97317
RAILROAD CONDUCTORS, YARDMASTERS	842	97302
RAILROAD, TRANSIT POLICE, SPECIAL AGENTS	411	63038
RAIL-TRACK LAYING, MAINTENANCE EQUIPMENT OPS	600	87714
REAL ESTATE CLERKS	335	53914
RECEPTIONISTS, INFORMATION CLERKS	343	55305
RECREATION WORKERS	129	27311
RECREATIONAL THERAPISTS	218	32317
REFRACTORY MATERIALS REPAIRERS	513	85126
REFUSE COLLECTORS	903	98705
REGISTERED NURSES	221	32502
REINFORCING METAL WORKERS	582	87314
RELIGIOUS WORKERS	130	27500
RELIGIOUS WORKERS, NEC	133	27599
REPORTERS AND CORRESPONDENTS	249	34011
RESERVATION, TRANS TICKET AGENTS	328	53805
RESIDENTIAL COUNSELORS	127	27307
RESPIRATORY CARE PRACTITIONERS	213	32302
RIGGERS	559	85935
ROASTING, BAKING MACHINE OPERATORS--FOOD	768	92921
ROCK SPLITTERS, QUARRY	613	87908
ROLLING MACH SETTERS--METAL, PLASTIC	699	91314
ROOF BOLTERS	618	87923
ROOFERS	605	87808
ROTARY DRILL OPERATORS--OIL, GAS EXTRACT	614	87911
ROUSTABOUTS	617	87921
SAFETY ENGINEERS--EXCEPT MINING	64	22132
SALES AGENTS, PLACERS--INSURANCE	276	43002
SALES AGENTS--ADVERTISING	283	43023
SALES AGENTS--FINANCIAL SERVICES	280	43014
SALES AGENTS--REAL ESTATE	278	43008
SALES AGENTS--SELECTED BUSINESS SERVICES	281	43017
SALES AGENTS--SERVICE	275	43000
SALES AND RELATED OCCUPATIONS	273	40000
SALES AND RELATED WORKERS, NEC	297	49999
SALES ENGINEERS	286	49002
SALES REPRESENTATIVES, NON-SCIENTIFIC EX RET	288	49008

## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SALES REPRESENTATIVES, SCIENTIFIC--EX RETAIL	287	49005
SALES REPRESENTATIVES, SERVICE--NEC	284	43099
SALESPERSONS, RETAIL	289	49011
SALESPERSONS--PARTS	290	49014
SAW MACHINE TOOL SETTERS--METAL, PLASTIC	688	91102
SAWING MACHINE OPERATORS AND TENDERS	733	92308
SAWING MACHINE SETTERS, SET-UP OPERATORS	731	92302
SCANNER OPERATORS	664	89715
SCREEN PRINT MACHINE SETTERS, SET-UP	742	92524
SECRETARIAL, GENERAL OFFICE OCCUPATIONSS	336	55000
SECRETARIES	337	55100
SECRETARIES, GENERAL	340	55108
SECRETARIES, LEGAL	338	55102
SECRETARIES, MEDICAL	339	55105
SELECTED ROAD, RAIL AND RELATED	595	87700
SEPARATING, STILL MACHINE OPS, TENDERS	782	92962
SEPTIC TANK, SEWER PIPE SERVICERS	590	87511
SERVICE OCCUPATIONS	392	60000
SERVICE STATION ATTENDANTS	861	97805
SERVICE UNIT OPERATORS	616	87917
SERVICE WORKERS, NEC	465	69999
SEWERS--HAND	806	93923
SEWING MACHINE OPERATORS--GARMENT	756	92717
SEWING MACHINE OPS--NON-GARMENT	757	92721
SHAMPOOERS	453	68011
SHEAR MACHINE SETTERS--METAL, PLASTIC	697	91308
SHEET METAL DUCT INSTALLERS	604	87805
SHEET METAL WORKERS	637	89132
SHERIFFS AND DEPUTY SHERIFFS	409	63032
SHIP ENGINEERS	856	97521
SHIPFITTERS	633	89121
SHOE AND LEATHER WKRS--PRECISION	651	89511
SHOE SEWING MACHINE OPS, TENDERS	758	92723
SHUTTLE CAR OPERATORS	876	97935
SIGNAL OR TRACK SWITCH MAINTAINERS	532	85511
SLAUGHTERERS AND BUTCHERS	671	89802
SMALL ENGINE SPECIALISTS	526	85328
SOCIAL SCI, RECREATION, RELIGIOUS	118	27000
SOCIAL SCIENCE TEACHERS, POSTSECONDARY	165	31230
SOCIAL SCIENCES TEACHERS, POSTSECONDARY,	173	31239
SOCIAL SCIENTISTS, NEC	123	27199
SOCIAL SCIENCE--INCL URBAN, REGIONAL PLANNERS	119	27100
SOCIAL WORKERS--EX MEDICAL, PSYCHIATRIC	126	27305
SOCIAL WORK TEACHERS, POSTSECONDARY	177	31247
SOCIAL WORKERS--MEDICAL, PSYCHIATRIC	125	27302
SOLDERERS AND BRAZERS	804	93917
SOLDERING, BRAZING MACH OPS,TENDERS	710	91711
SOLDERING, BRAZING MACH SETTERS	709	91708
SPEC MATERL PRINTING MACH SETTERS	741	92522
SPECIAL AGENTS--INSURANCE	39	21505

## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
SPEECH PATHOLOGISTS, AUDIOLOGISTS	217	32314
SPOTTERS--DRY CLEANING	652	89514
SPRAYERS, APPLICATORS	484	79036
STATEMENT CLERKS	310	53126
STATION INSTALLERS--TELEPHONE	544	85726
STATIONARY ENGINEERS	830	95032
STATISTICAL CLERKS	350	55328
STATISTICIANS	113	25312
STENOGRAPHERS AND/OR COURT REPORTER	342	55302
STEVEDORES--EX EQUIPMENT OPERATORS	902	98702
STOCK CLERKS--SALES FLOOR	292	49021
STOCK CLERKS--STOCKROOM, WAREHOUSE	386	58023
STONE MASONS	579	87305
STRIPPERS	665	89717
STRUCTURAL METAL WORKERS	607	87814
SUBWAY AND STREETCAR OPERATORS	846	97314
SURGICAL TECHNICIANS	241	32928
SURVEYING AND MAPPING SCIENTISTS	72	22311
SURVEYING AND MAPPING TECHNICIANS	80	22521
SWITCHBOARD OPERATORS	368	57102
SYSTEMS ANALYSTS--ELECTRIC DATA PROCESSING	103	25102
TANK CAR AND TRUCK LOADERS	866	97905
TAPERS	572	87111
TAX EXAMINERS, COLLECTORS, REVENUE AGENTS	47	21914
TAX PREPARERS	29	21111
TAXI DRIVERS AND CHAUFFEURS	838	97114
TEACHER AIDES & EDUCATIONAL ASSISTANTS, CLERICAL	332	53905
TEACHER AIDES, PARAPROFESSIONAL	202	31521
TEACHERS AND INSTRUCTORS, NEC	194	31399
TEACHERS, EDUCATORS, LIBRARIANS	145	31000
TEACHERS, KINDERGARTEN	186	31304
TEACHERS, PRESCHOOL	185	31303
TEACHERS--ELEMENTARY SCHOOL	187	31305
TEACHERS--SECONDARY SCHOOL	188	31308
TEACHERS--SPECIAL EDUCATION	189	31311
TEACHERS--VOCATIONAL ED AND TRAINING	190	31314
TECHNICAL ASSISTANTS--LIBRARY	197	31505
TECHNICAL WRITERS	247	34005
TELEGRAPH AND TELETYPE OPERATORS	371	57111
TELEGRAPH, TELETYPE INSTALLERS	531	85508
TELEMARKETERS, SOLICITORS & RELATED	294	49026
TELEPHONE, CABLE TV INSTALLERS	536	85702
TELLERS	302	53102
TEXTILE,APPAREL,FURNISHINGS,NEC--PRECISION	655	89599
TEXTILE BLEACHING, DYEING MACHINE OPERATORS	755	92714
TEXTILE DRAW-OUT MACH OPERATORS, TENDERS	754	92711
TEXTILE MACHINE SETTERS, SET-UP OPERATORS	751	92702
TEXTILE OPERATORS,TENDERS--WIND,TWIST,KNIT	752	92705
TEXTILE, APPAREL, FURNISHINGS,PRECISION	647	89500
TEXTILE, RELATED SETTERS, OPERATORS	750	92700

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OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
THERAPISTS	212	32300
THERAPISTS, NEC	219	32399
TIMBER CUTTING AND LOGGING	469	73000
TIMBER CUTTING AND RELATED, NEC	474	73099
TIRE BUILDING MACHINE OPERATORS	765	92911
TIRE REPAIRERS AND CHANGERS	564	85953
TITLE EXAMINERS AND ABSTRACTORS	143	28311
TITLE SEARCHERS	142	28308
TOOL AND DIE MAKERS	627	89102
TOOL GRINDERS, FILERS, SHARPENERS	630	89111
TRAFFIC TECHNICIANS	268	39005
TRAFFIC, SHIPPING, RECEIVING CLERKS	388	58028
TRANS AND RELATED WORKERS, NEC	863	97899
TRANS ATTENDANTS--EX FLIGHT	459	68028
TRANS, MATERIAL MOVING EQUIPMENT OPS, NEC	885	97999
TRANS, MATERIAL MOVING MACHINE OPS	832	97000
TRANSIT CLERKS	304	53108
TRANSPORTATION AGENTS	382	58011
TRANSPORTATION INSPECTORS	501	83008
TRAVEL AGENTS	282	43021
TRAVEL CLERKS	327	53802
TRUCK DRIVERS, HEAVY	834	97102
TRUCK DRIVERS, LIGHT	835	97105
TYPESETTING, COMPOSING MACHINE OPS	745	92541
TYPISTS, INCLUDING WORD PROCESSING	344	55307
U.S. MARSHALLS	407	63026
UNDERGROUND MINE MACHINE MECHANICS	509	85117
UNDERWRITERS	26	21102
UPHOLSTERERS	650	89508
URBAN AND REGIONAL PLANNERS	121	27105
USHERS, LOBBY ATTENDANTS	456	68021
VEHICLE WASHERS, EQUIPMENT CLEANERS	907	98905
VETERINARY ASSISTANTS	486	79806
VETERINARY TECHNICIANS	243	32951
VETS AND VETERINARY INSPECTORS	210	32114
VOCATIONAL & EDUCATIONAL COUNSELOR	200	31514
WAITERS AND WAITRESSES	419	65008
WARDROBE ATTENDANTS	460	68032
WATCH ASSEMBLERS, RELATED--PRECISION	796	93117
WATCHMAKERS	553	85917
WATER TRANSPORTATION WORKERS	849	97500
WATER TREATMENT PLANT OPERATORS	820	95002
WEIGHERS, MEASURERS--RECORDKEEPING	384	58017
WELDERS AND CUTTERS	803	93914
WELDING MACH OPERATORS AND TENDERS	708	91705
WELDING MACH SETTERS, SET-UP OPS	707	91702
WELFARE ELIGIBILITY WORKERS, INTERVIEWERS	319	53502
WELL HEAD PUMPERS	868	97911
WHOLESALE AND RETAIL BUYERS--EX FARM PRODS	34	21302
WOOD MACHINISTS	643	89308

## Alphabetical Index of Occupations

OCCUPATION	LINE NUMBER	CALIFORNIA OES CODE
WOODWORK MACH OPS.TNDRS--EX SAWING	735	92314
WOODWORK MACH SETTERS--EX SAWING	734	92311
WOODWORKERS, NEC--PRECISION	646	89399
WOODWORKERS, PRECISION	640	89300
WOODWORKING MACHINE SETTERS, OPS	730	92300
WORKERS, PRECISION--NEC	685	89999
WRITERS AND EDITORS	246	34002
WRITERS, ARTISTS, ENTER, ATHLETES	245	34000

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# **Standard Industrial Classification Manual**

The Standard Industrial Classification (SIC) is a nationally standardized system for identifying and coding business establishments according to their industrial activity. An "establishment" is an economic unit, generally located at a single physical location, where business is conducted or where services or industrial operations are performed. The Standard Industrial Classification (SIC) Manual is the reference guide used to accurately apply and/or understand the classification coding system.

The SIC Manual's format separates industries into ten broad divisions, such as manufacturing and retail trade. Within those broad groupings are more specific two-digit codes, as well as more detailed three-digit and four-digit codes, that identify specific industries. Brief narratives describe the kinds of establishments contained in each classification category.

## **Suggestions for Users**

The SIC Manual facilitates the collection, analysis and publication of information about business establishments. This standardized system is used throughout the United States to promote uniformity in the publications of private and governmental agencies. The Employment Development Department's field office personnel use the manual to assign SIC codes to employers

to aid in providing services. Trade associations and private industry use the manual in reference books, such as the California Manufacturers Register.

The manual can help one to understand the composite industries summarized in publications. However, all public sector workers are usually grouped together into a category called "government", which includes federal, state and local government, and state and local education.

The U.S. Department of Labor, Occupational Safety and Health Administration provides SIC information on the Internet at <http://www.osha.gov/oshstats/sicser.html>

The SIC Manual may be purchased from U.S. Government Bookstores, Bureau of Labor Statistics, or the Superintendent of Documents in Los Angeles or San Francisco. For information about purchasing this manual, contact:

U.S. Government Bookstore  
Marathon Plaza, Room 141-S  
303 2nd Street  
San Francisco, CA 94107  
Phone - (415) 512-2770  
Fax - (415) 512-2776  
<http://access.gpo.gov>

# North American Industry Classification System

The United States has a new industry classification system. The North American Industry Classification System (NAICS) will soon replace the U.S. Standard Industrial Classification (SIC) system.

NAICS is the first-ever North American Industry classification system. The system was developed by the U.S., Canada, and Mexico to provide comparable statistics across the three countries. For the first time, government and business analysts will be able to compare directly industrial production statistics collected and published in the three North American Free Trade Agreement countries.

NAICS will reshape the way we view our changing economy. It is a unique, all-new system for classifying business establishments. It is the first economic classification system to be constructed based on a single economic concept. Economic units that use like processes to produce goods or services are grouped together. This "production-oriented" system means that statistical agencies in the United States will produce data that can be used for:

- measuring productivity, unit labor costs, and the capital intensity of production;
- constructing input-output relationships and;
- estimating employment-output relationships and other such statistics that require that inputs and outputs be used together.

NAICS responds to increasing and serious criticism about the SIC. NAICS reflects the structure of today's economy in the United States, Canada , and Mexico, including the emergence and growth of the service sector and new and advanced technologies. It is a flexible system that allows each country to recognize important industries below the level at which comparable data will be shown for all three countries.

The 1997 Economic Census will provide the first official NAICS-based statistics. Advance statistics will appear in early 1999. A report in 2000 will show relationships between NAICS and SIC industries.

Implementation by Federal agencies will be in phases. Some agency programs will convert to NAICS as early as 1999, others as late as 2004.

## How is NAICS better?

NAICS will make economic statistics more useful. It will improve basic benchmark and current performance statistics, like manufacturers' shipments, retail sales, and service receipts. It will improve statistics by providing an all-new industry classification system that is more:

*Relevant.* NAICS identifies new industries, revises concepts, and reorganizes classifications so that industry-classified statistics highlight businesses that contribute most to our economy.

*Consistent.* NAICS classifies businesses into industries based on one principle instead of several; the principle that businesses using similar production processes are classified together.

*Comparable.* NAICS provides first-ever comparability in North American industry classifications and economic statistics.

*Flexible.* NAICS classifications will be updated regularly to keep pace with changes in our economy; every 5 years, all three North American countries will review NAICS and make needed revisions.

#### **How NAICS will affect the economic data you use.**

Every sector of the economy has been restructured and redefined:

- A new *Information* sector combines communications, publishing, motion picture and sound recording, and online services, recognizing our information-based economy.
- *Manufacturing* is restructured to recognize new high-tech industries. A new subsector is devoted to computers and electronics, including reproduction of software.
- *Retail Trade* is redefined. In addition, eating and drinking places are transferred to a new *Accommodation and Food Services* sector.
- The difference between *Retail* and *Wholesale* is now based on how each store conducts business. For example, many computer stores are reclassified from wholesale to retail.
- Nine new service sectors and 250 new service industries are recognized.

#### **All new numbering system**

Numeric codes for each NAICS classification are completely different from those of the SIC. The new numbering system underscores the "clean slate" approach taken in NAICS and allows its classification changes to be fully developed. The new system provides five levels of classification (up from four in the SIC), detailed codes that have a maximum of six-digits (up from four in the SIC) and detailed classifications called "U.S. Industry" (instead of "Industry" in the SIC). These changes require new numbers, even for industries that continue without change. For example, both NAICS and SIC include the detailed industry, "Passenger car rental." However, in NAICS, it has code number 532111, and in the SIC, it was code number 7514. While all NAICS numeric codes are new, like the SIC, they are organized into multi-level hierarchical classification groups that build up from the detailed industry level. The additional level of classification and expanded number of digits permit NAICS to account for the increased number of classifications, provide flexibility in structuring industry classification groups, and allow for country-based variations in classification detail.

A variety of information resources are available to help users of business statistics understand and use NAICS. Additional information, answers to frequently asked questions, and updated agency implementation plans are available at the Census Bureau's Internet site:

[www.census.gov/naics](http://www.census.gov/naics)

Answers to specific classification and data program inquiries may also be addressed to industry experts at:

Phone: 1-888-75NAICS  
E-mail: [naics@census.gov](mailto:naics@census.gov)

# Projection Methods And Economic Assumptions

The employment projection process consists of two phases – first, projections for employment by industry are made using both historical data and current information about the economy. Next, the industry projections become a primary data source used to project changes in occupational employment.

Changes in occupational employment over time result from two principal sources: industry growth and technological change. In developing occupational employment projections, both of these components must be addressed.

The following is a discussion of how industry and occupational projections are developed, beginning with a description of data sources and followed by a description of the steps involved.

## Principal Data Sources

### Employment by Industry

The source of the official historical industry employment series used for industry projections for the state and each county is the Current Employment Statistics (CES) program. This is a Federal/State co-operative program that compiles monthly estimates of industry employment groupings for the state and each county. These monthly industry employment estimates are based primarily on employer sample surveys.

A second source used in industry forecasts is the Covered Employment and Wage Data, or ES-202 program. Essentially, this program extracts employment and wage information from quarterly tax returns filed by each California employer covered by unemployment insurance. Each employer has been assigned a specific industry and county code and these data are compiled to provide the ‘actual’ industry employment levels for each industry and county. These data are then used for benchmarking the monthly industry employment

estimates made in the CES program. This is also a Federal/State co-operative program.

### Employment by Occupation

Occupational employment estimates are based on survey data collected through the Occupational Employment Statistics (OES) program. The OES survey is an annual mail survey of non-farm employers conducted by the Employment Development Department in cooperation with the U.S. Bureau of Labor Statistics. The survey is based on a sample designed to represent the universe of employers in each state. In California, data are collected for over 800 occupations at the three-digit SIC level of detail. The survey samples approximately 110,000 business establishments over a three year period.

## The Process

### Industry Projections

Industry projections are first developed at aggregated levels (industry groupings) for the state and each county based on the Current Employment Statistics employment series.

Second, these aggregated industry projections are then broken down into more industry specific detail using the ES-202 data. The industry specific projections then become the primary source from which occupational projections are developed by using industry staffing patterns data. The following steps outline the process:

- Approximately every two years, industry employment projections are produced for the nation by the Bureau of Labor Statistics.
- Industry projections are then developed for the State using input from the national forecast and the historical industry employment series for the State.

- County industry projections are then developed using input from the state forecast and the historical employment series for each county.
- State projections are developed for ten years from the base period and county projections are developed for seven years from the base period.
- The State forecasts are reviewed by Labor Market Information Division (LMID) industry analysts, California's Department of Finance, and academics.
- County forecasts are reviewed by local area consultants who provide up to date information regarding recent developments in each county that would not normally be accounted for in the model.

### Occupational Projections

The distribution of industry employment by occupation is performed in three steps.

- OES survey responses are summarized by industry and matched with the appropriate SIC in the area. (In cases where local OES responses are not available, either statewide responses or another area's responses are substituted.)
- The survey data are adjusted to total to the annual average employment level for each industry. This results in estimates of employment by occupation within the three-digit SICs for the base year.
- Finally, base year staffing patterns are adjusted to account for projected shifts in the occupational distributions due to technological changes. These projected changes are derived from special studies conducted by the U.S. Bureau of Labor Statistics. Applying these changes to the base year staffing patterns results in staffing patterns by three-digit SIC for the projected year. Projected year staffing patterns are applied to the industry employment projections

to produce occupational employment projections within three-digit SICs. Data by occupation are then summed to get the occupational estimates. The difference between the base year occupation estimates and the projected year projections represents the job growth resulting from industry growth and from technological change. (Change factors do not try to predict regulatory changes.)

Demand for workers is also created by openings that result when workers leave their jobs to enter other occupations, retire, or leave the labor force for other reasons. These openings, termed *separations*, are important because, in most occupations, they exceed job openings resulting from employment growth. Even occupations that are projected to decline usually provide job openings due to separations. Separations are developed from separation rates compiled on a national basis every two years by the Bureau Of Labor Statistics.

### **Economic Assumptions**

The industry and occupational projections in this report are based on the following assumptions:

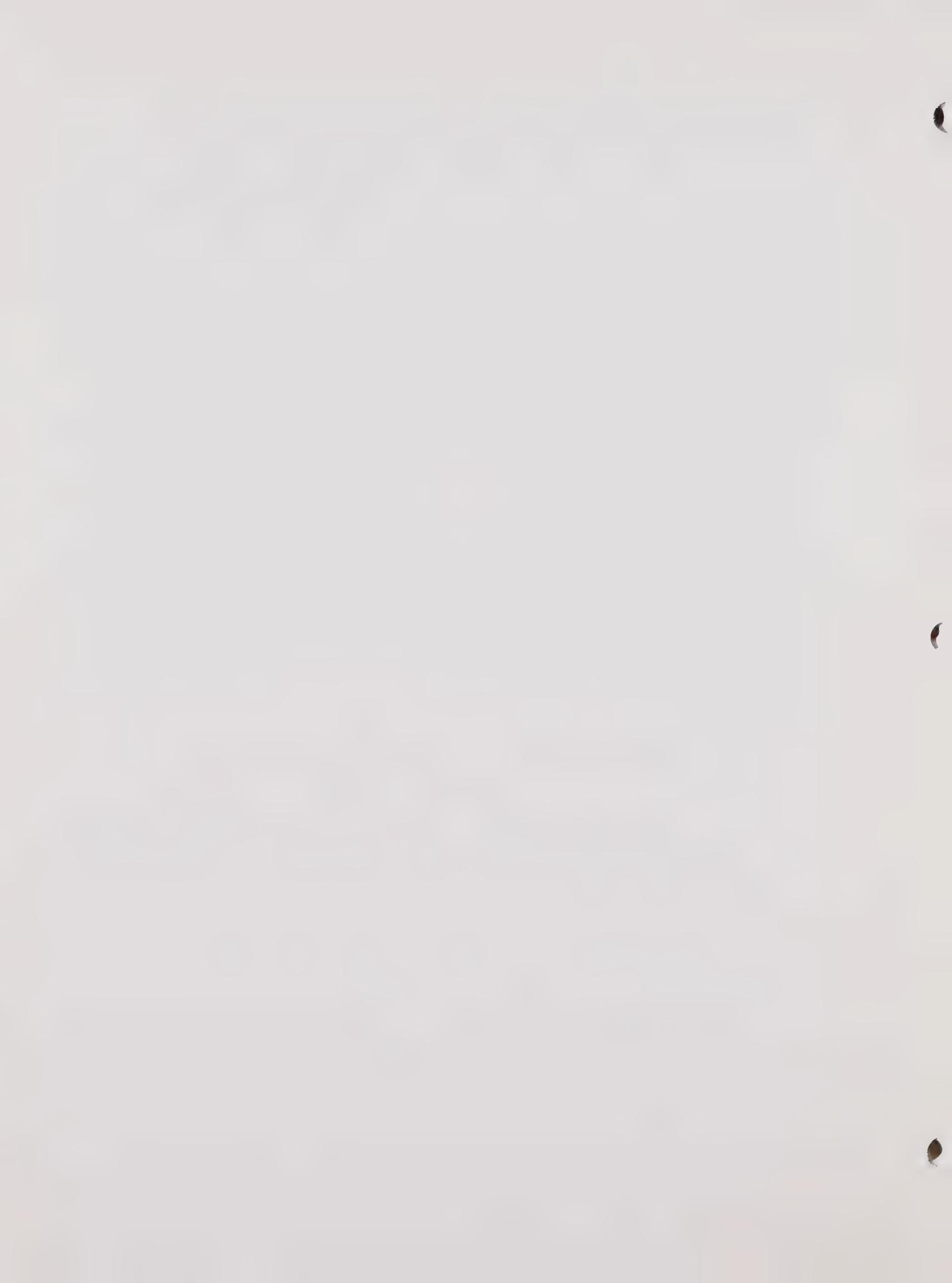
- ✓ The institutional framework of the U.S. economy will not change radically.
- ✓ Recent technological and scientific trends will continue.
- ✓ The long-term employment patterns will continue in most industries.
- ✓ Federal, state, and local government agencies will continue to operate under budgetary constraints.
- ✓ No major events, such as war, will occur that will significantly alter the industrial structure of the economy, the occupational staffing patterns, or the rate of long-term growth.
- ✓ Population growth rates and age distributions will not differ significantly from Department of Finance projections presently available.
- ✓ Attitudes toward work, education, income, and leisure will not change significantly.



*Projections  
& Planning  
Information*

**Module E:**

**Wages**



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# Occupational Employment Statistics Wage Survey

The Occupational Employment Statistics (OES) survey is an annual mail survey measuring occupational employment and occupational wage rates for wage and salary workers in nonfarm establishments by industry. The survey samples approximately 37,000 establishments per year, taking 3 years to fully collect the sample of 113,000 establishments in California.

The 2000 OES survey is the second year to use the new Standard Occupational Classification (SOC) system to identify occupational categories. These survey samples are based only on two years of data collected in the 1999 and 2000 survey. Surveys prior to 1999 used the Occupational Employment Statistics (OES) classification system. Of the nearly 770 SOC occupations, 374 are a direct match with the OES classification system definitions. The rest are newly defined SOC occupations. The SOC structure and definitions can be found at the Bureau of Labor Statistics (BLS) SOC website at [www.bls.gov](http://www.bls.gov).

The wage data for all occupations have been updated to the third quarter of 2001 by applying the Employment Cost Index of the 2000 SOC wage database. The occupational employment estimates are for 2000. A more complete set of technical notes for the 2000 OES survey is available at the BLS website.

## 'Employment' Definition

The OES survey defines employment as the number of workers who can be classified as full-time or part-time employees; workers on paid vacations or other types of leave; workers on unpaid or short-term absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station, regardless of whether that unit prepares their paycheck. The survey excludes the self-employed, owners/partners of unincorporated firms, and unpaid family workers. Employees are reported in the occupation in which they are working, not necessarily for which they were trained.

## Business Establishment Description

The OES survey uses the Standard Industrial Classification (SIC) system to classify all an economic unit which processes goods or provides services, such as a factory or store. The establishment is generally at a single physical location and is engaged primarily in one type of economic activity.

The scope of the survey includes establishments in SIC codes 07, 10, 12 to 17, 20 to 42, 44 to 65, 67, 70, 72, 73, 75, 76, 78 to 84, 86, 87, and 89 covering agricultural services; mining; construction; manufacturing; transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; services; and government.

## Source of Sample Selection

The California Unemployment Insurance (UI) file provided the universe from which the OES survey draws its sample. The employment benchmark was obtained from reports submitted by employers to the UI program. In some nonmanufacturing industries, supplemental sources are used for establishments not reporting to the UI program.

The OES survey frame is stratified by area, industry and size class. Size classes are defined as follows:

Size Class	Number of Employees
1	1 to 4
2	5 to 9
3	10 to 19
4	20 to 49
5	50 to 99
6	100 to 249
7	250 and above

UI reporting units with 250 or more employees are sampled with certainty across a 3-year period. Generally, one-third of the certainty units are sampled each year in each state. There are some states that sample more than one-third of their certainty units during one survey year.

## **Terms and Concepts**

**Employment** represents the estimate of total wage and salary employment in an occupation across the industries in which it was surveyed. The OES survey form contains between 50 and 225 SOC occupations selected on the basis of the industry classification and size of the sampled establishments. To reduce paperwork and respondent burden, no survey form contains every SOC occupation. Thus, data for specific occupations are collected from establishments within industries that are the predominant employers of labor in those occupations.

**Wages** for the OES survey are straight-time gross pay, exclusive of premium pay. Included are base rate, cost-of-living allowances, guaranteed pay, hazardous duty pay, incentive pay including commissions and production bonuses, tips, and on-call pay. Excluded are back pay, jury duty pay, overtime pay, severance pay, shift differentials, non-production bonuses, employer cost of supplementary benefits, and tuition reimbursements.

The OES survey collects wage data in 12 intervals. Employers report the number of employees in an occupation per each wage range. The wage intervals are as follows:

<u>Interval</u>	<u>Hourly Wage</u>	<u>Annual Wage</u>
A	Under \$6.75	Under \$14,040
B	\$6.75 to 8.49	\$14,040 to 17,679
C	\$8.50 to 10.74	\$17,680 to 22,359
D	\$10.75 to 13.49	\$22,360 to 28,079
E	\$13.50 to 16.99	\$28,080 to 35,359
F	\$17.00 to 21.49	\$35,360 to 44,719
G	\$21.50 to 27.24	\$44,720 to 56,679
H	\$27.25 to 34.49	\$56,680 to 71,759
I	\$34.50 to 43.74	\$71,760 to 90,999
J	\$43.75 to 55.49	\$91,000 to 115,439
K	\$55.50 to 69.99	\$115,440 to 145,599
L	\$70.00 and over	\$145,600 and over

Wages are calculated using wage data from establishments in the industries that are the predominant employers of an occupation. Industries that do not typically employ workers in a given occupation are not included in the calculation of the mean and median wage.

**Mean Hourly Wage** is the estimated total wages for an occupation divided by its weighted survey employment. When the wages for an occupation are concentrated in the upper wage interval, it is not possible to calculate a reliable mean. In those instances, both the mean hourly wage and the mean annual wage are replaced by a "(3)" and the user is referred to the appropriate footnote. There are a small number of occupations where only an annual wage figure is provided; the workers in these occupations are generally paid on an annual basis, and their annual wage has been directly calculated from the reported survey data. Occupations that typically have a work-year of less than 2,080 hours include musical and entertainment occupations, aircraft pilots, flight attendants, and teachers. These occupations are identified in the data tables with "(2)" in the hourly wage cells.

**Median Hourly Wage** is the estimated 50th percentile of the distribution of wages; 50 percent of workers in an occupation earn wages below the median wage, and 50 percent earn wages above the median wage.

**Entry-Level Hourly Wage** is the mean of the first third of the wage distribution. This calculation is provided as a proxy for an entry-level wage.

**First Quartile Wage** is the estimated 25th percentile of the distribution of wages; 25 percent of workers in an occupation earn wages below the first quartile wage, and 75 percent earn wages above the first quartile wage.

**Third Quartile Wage** is the estimated 75th percentile of the distribution of wages; 75 percent of workers in an occupation earn wages below the third quartile wage, and 25 percent earn wages above the third quartile wage.

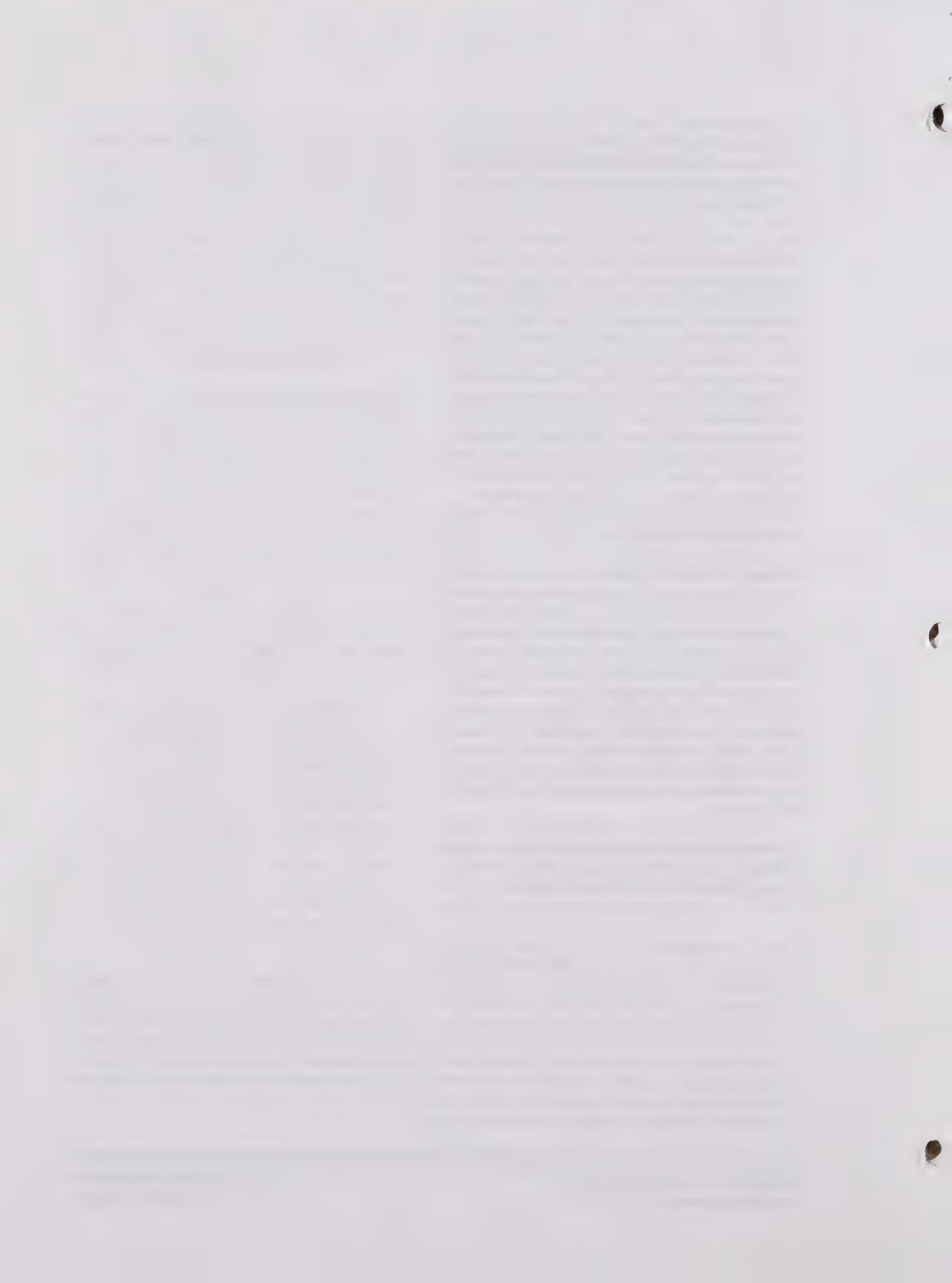
**Metropolitan Area** The general concept of a metropolitan area (MA) is one of a large population nucleus, together with adjacent communities that have a high degree of economic and social integration with that nucleus. Some MAs are defined around two or more nuclei. The MAs are designated and defined by the Federal Office of Management and Budget, following a set of official published standards. These standards were developed by

the Interagency Federal Executive Committee on Metropolitan Areas, with the aim of producing definitions that are as consistent as possible for all MAs nationwide.

**Metropolitan Statistical Area (MSA)** A MSA comprises one or more central counties. A MSA also may include one or more outlying counties that have close economic and social relationships with the central county. An outlying county must have a specified level of commuting to the central counties and also must meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. The title of a MSA contains the name of its largest city and up to two additional city names, provided that the additional places meet specified levels of population, employment and commuting. Generally a city of 250,000 or more is in the title, regardless of other criteria.

**Primary Metropolitan Statistical Area (PMSA)** The criteria that designates and defines a MSA also designates and defines a PMSA. If an area that qualifies as a MA has more than one million persons, primary metropolitan statistical areas (PMSAs) may be defined within it. PMSAs consist of a large urbanized county or cluster of counties that demonstrate very strong internal economic and social links, in addition to close ties to other portions of the larger area. The title of a PMSA may contain up to three place names, or up to three county names, sequenced in order of population.

**Consolidated Metropolitan Statistical Area (CMSA)** A CMSA consists of two or more Primary Metropolitan Statistical Areas (PMSAs).



# Occupational Employment Statistics (OES) Survey Results

## Ventura PMSA

### Ventura County

These survey data are from the 2001 Occupational Employment Statistics (OES) survey. The wages have all been updated to the third quarter of 2002 by applying the US Department of Labor's Employment Cost Index to the 2001 wages. Occupations are classified using the Standard Occupational Classification (SOC) codes. For details of the methodology, see the Overview of the OES Survey at [http://www.calmis.ca.gov/file/occup\\$/oes\\$.htm](http://www.calmis.ca.gov/file/occup$/oes$.htm)

(Sorted by Occupational Title)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
13-2011	Accountants and Auditors	\$18.44	\$26.93	\$19.81	\$23.24	\$31.35
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	\$32.65	\$41.31	\$34.23	\$41.68	\$49.81
11-3011	Administrative Services Managers	\$17.34	\$29.89	\$19.96	\$26.42	\$36.73
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	\$20.58	\$26.73	\$23.01	\$26.55	\$29.77
11-2011	Advertising and Promotions Managers	\$18.12	\$34.63	\$21.40	\$31.46	\$48.04
41-3011	Advertising Sales Agents	\$12.79	\$26.24	\$14.99	\$22.69	\$36.08
17-2011	Aerospace Engineers	\$29.05	\$39.65	\$36.22	\$40.48	\$45.26
19-1010	Agricultural and Food Scientists	\$19.22	\$26.50	\$21.50	\$27.63	\$32.17
45-2091	Agricultural Equipment Operators	\$6.75*	\$8.29	\$6.75*	\$7.66	\$10.22
49-3011	Aircraft Mechanics and Service Technicians	\$17.04	\$20.32	\$18.29	\$20.40	\$23.03
53-2011	Airline Pilots, Copilots, and Flight Engineers	(2)	(2)	(2)	(2)	(2)
27-1099	All Other Art and Design Workers	\$13.77	\$22.74	\$15.74	\$21.07	\$30.96
37-9099	All Other Building and Grounds Cleaning and Maintenance Workers	\$6.75*	\$10.83	\$6.75*	\$7.90	\$15.44
21-9099	All Other Counselors, Social and Religious Workers	\$10.09	\$17.81	\$12.36	\$16.84	\$23.02

SOC Code	Occupational Title	Entry- Level Hourly Wage (1)	50th Percentile (Median) Hourly Wage				75th Percentile Hourly Wage
			Mean Hourly Wage	25th Percentile Hourly Wage	Median Hourly Wage	75th Percentile Hourly Wage	
17-3099	All Other Drafters, Engineering, and Mapping Technicians	\$17.08	\$26.65	\$21.46	\$28.30	\$33.10	
43-4999	All Other Financial, Information, and Record Clerks	\$11.55	\$20.17	\$13.59	\$18.70	\$26.00	
29-9199	All Other Health Professionals and Technicians	\$10.47	\$15.23	\$11.72	\$14.42	\$17.26	
43-5199	All Other Material Recording, Scheduling, Dispatching, and Distributing Workers	\$8.19	\$14.95	\$9.58	\$14.52	\$18.30	
43-9999	All Other Secretaries, Administrative Assistants, and Other Office Support	\$9.23	\$13.98	\$10.48	\$13.25	\$16.84	
25-3999	All Other Teachers, Primary, Secondary, and Adult	(2)	(2)	(2)	(2)	(2)	
39-3091	Amusement and Recreation Attendants	\$7.20	\$10.47	\$7.76	\$9.79	\$12.43	
39-2011	Animal Trainers	\$7.63	\$8.48	\$7.45	\$8.09	\$8.89	
27-3010	Announcers	\$7.71	\$11.75	\$7.99	\$8.90	\$10.78	
13-2021	Appraisers and Assessors of Real Estate	\$16.91	\$23.12	\$19.25	\$22.60	\$27.67	
17-1011	Architects, Except Landscape and Naval	\$28.49	\$41.91	\$29.77	\$34.40	\$60.94	
17-3011	Architectural and Civil Drafters	\$18.38	\$24.47	\$19.89	\$23.56	\$28.07	
17-0000	Architecture and Engineering Occupations	\$19.78	\$30.68	\$23.20	\$30.30	\$37.41	
25-4010	Archivists, Curators, and Museum Technicians	\$11.30	\$18.03	\$12.38	\$15.76	\$24.47	
27-1011	Art Directors	\$22.03	\$34.09	\$24.88	\$31.66	\$44.82	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	\$9.27	\$20.91	\$10.86	\$17.85	\$26.70	
51-2099	Assemblers and Fabricators, All Other	\$7.13	\$9.69	\$7.44	\$8.45	\$11.96	
19-2021	Atmospheric and Space Scientists	\$24.76	\$36.21	\$28.76	\$35.94	\$44.04	
27-4011	Audio and Video Equipment Technicians	\$8.69	\$22.63	\$10.23	\$20.83	\$35.07	
49-3021	Automotive Body and Related Repairers	\$13.04	\$18.92	\$14.59	\$18.66	\$22.75	

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
49-3023	Automotive Service Technicians and Mechanics	\$8.89	\$17.86	\$9.75	\$15.32	\$23.31
51-3011	Bakers	\$7.18	\$11.14	\$7.63	\$10.15	\$14.18
35-3011	Bartenders	\$6.75*	\$9.34	\$6.83	\$7.90	\$9.38
49-3091	Bicycle Repairers	\$7.58	\$9.63	\$7.78	\$8.94	\$11.03
43-3011	Bill and Account Collectors	\$11.12	\$14.85	\$12.05	\$14.10	\$17.33
43-3021	Billing and Posting Clerks and Machine Operators	\$10.86	\$15.02	\$11.84	\$13.94	\$17.02
51-5011	Bindery Workers	\$7.46	\$10.92	\$7.98	\$9.79	\$12.64
19-1021	Biochemists and Biophysicists	\$18.17	\$29.05	\$19.48	\$24.99	\$34.43
19-4021	Biological Technicians	\$11.84	\$21.00	\$14.05	\$19.88	\$26.88
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$11.11	\$15.72	\$12.56	\$15.52	\$18.21
47-2021	Brickmasons and Blockmasons	\$12.54	\$17.25	\$13.32	\$17.11	\$20.05
27-4012	Broadcast Technicians	\$9.93	\$12.12	\$10.90	\$12.12	\$13.23
43-4011	Brokerage Clerks	\$13.16	\$17.94	\$13.98	\$16.55	\$20.73
13-2031	Budget Analysts	\$20.52	\$27.02	\$22.23	\$26.82	\$31.89
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$6.80	\$10.14	\$7.22	\$8.65	\$11.71
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$13.70	\$19.34	\$15.55	\$19.23	\$23.48
53-3022	Bus Drivers, School	\$9.70	\$13.32	\$10.80	\$13.35	\$16.10
13-0000	Business and Financial Operations Occupations	\$16.18	\$26.42	\$19.01	\$23.73	\$31.48
13-1199	Business Operations Specialists, All Other	\$16.34	\$27.80	\$19.45	\$26.44	\$34.52
25-1011	Business Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-3021	Butchers and Meat Cutters	\$9.18	\$14.60	\$10.10	\$13.34	\$19.56
51-7011	Cabinetmakers and Bench Carpenters	\$9.66	\$12.29	\$9.97	\$11.53	\$14.14
43-5011	Cargo and Freight Agents	\$12.93	\$19.10	\$15.36	\$18.87	\$23.27
47-2031	Carpenters	\$11.09	\$17.76	\$12.79	\$17.50	\$21.91
47-2041	Carpet Installers	\$9.95	\$16.13	\$11.60	\$15.63	\$19.64
41-2011	Cashiers	\$6.75*	\$9.85	\$7.06	\$8.19	\$10.86
47-2051	Cement Masons and Concrete Finishers	\$14.84	\$23.97	\$17.21	\$23.61	\$29.93
35-1011	Chefs and Head Cooks	\$9.99	\$16.34	\$10.70	\$13.67	\$21.90
17-2041	Chemical Engineers	\$29.13	\$38.19	\$33.68	\$38.76	\$42.83
19-4031	Chemical Technicians	\$11.57	\$16.81	\$13.12	\$16.38	\$20.97
19-2031	Chemists	\$16.96	\$25.19	\$18.77	\$23.50	\$30.05
11-1011	Chief Executives	\$40.29	(3)	\$50.02	>\$70.00	>\$70.00
39-9011	Child Care Workers	\$6.98	\$9.66	\$7.49	\$9.16	\$11.10
21-1021	Child, Family, and School Social Workers	\$14.30	\$20.13	\$15.93	\$19.00	\$23.21
27-2032	Choreographers	\$20.36	\$25.53	\$23.22	\$25.67	\$30.06
17-3022	Civil Engineering Technicians	\$18.82	\$24.69	\$20.28	\$24.74	\$29.51
17-2051	Civil Engineers	\$23.86	\$34.57	\$25.65	\$30.83	\$40.38
13-1031	Claims Adjusters, Examiners, and Investigators	\$14.41	\$24.88	\$16.85	\$23.64	\$30.48
53-7061	Cleaners of Vehicles and Equipment	\$6.88	\$8.29	\$7.06	\$7.74	\$8.87
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	\$7.46	\$9.98	\$7.66	\$8.93	\$10.69

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
21-2011	Clergy	\$9.18	\$18.74	\$9.99	\$19.55	\$23.85
19-3031	Clinical, Counseling, and School Psychologists	\$15.38	\$26.91	\$19.00	\$29.20	\$33.57
27-2022	Coaches and Scouts	(2)	(2)	(2)	(2)	(2)
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$6.75*	\$10.23	\$7.16	\$8.91	\$11.95
51-2021	Coil Winders, Tapers, and Finishers	\$8.78	\$10.46	\$9.08	\$9.98	\$10.88
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$6.75*	\$7.54	\$6.75*	\$7.33	\$8.31
27-1021	Commercial and Industrial Designers	\$14.43	\$22.00	\$16.20	\$20.01	\$27.38
43-2099	Communications Equipment Operators, All Other	\$8.30	\$14.29	\$8.81	\$15.10	\$19.18
25-1122	Communications Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
21-0000	Community and Social Services Occupations	\$11.38	\$21.02	\$13.76	\$20.57	\$27.34
13-1072	Compensation, Benefits, and Job Analysis Specialists	\$18.34	\$26.80	\$20.59	\$25.06	\$31.43
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	\$14.89	\$21.88	\$16.05	\$19.58	\$26.44
15-1011	Computer and Information Scientists, Research	\$27.39	\$37.31	\$31.00	\$37.25	\$43.83
11-3021	Computer and Information Systems Managers	\$28.87	\$43.46	\$34.30	\$42.68	\$53.38
15-0000	Computer and Mathematical Occupations	\$17.00	\$30.04	\$21.43	\$28.84	\$38.48
17-2061	Computer Hardware Engineers	\$26.17	\$35.87	\$28.98	\$34.59	\$42.67
43-9011	Computer Operators	\$9.87	\$15.55	\$10.90	\$14.20	\$19.07
15-1021	Computer Programmers	\$20.59	\$34.28	\$24.19	\$32.64	\$42.55
25-1021	Computer Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry- Level Hourly Wage (1)	Mean	25th	50th	75th
			Hourly Wage	Percentile Hourly Wage	Percentile (Median) Hourly Wage	Percentile Hourly Wage
15-1031	Computer Software Engineers, Applications	\$24.12	\$35.29	\$27.47	\$34.63	\$42.94
15-1032	Computer Software Engineers, Systems Software	\$23.29	\$33.75	\$25.00	\$30.66	\$44.26
15-1099	Computer Specialists, All Other	\$12.65	\$24.72	\$15.34	\$23.16	\$32.42
15-1041	Computer Support Specialists	\$9.89	\$18.02	\$10.53	\$15.13	\$22.96
15-1051	Computer Systems Analysts	\$22.66	\$31.97	\$25.56	\$31.16	\$38.32
49-2011	Computer, Automated Teller, and Office Machine Repairers	\$12.37	\$16.09	\$13.96	\$16.36	\$19.11
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$9.91	\$15.34	\$11.67	\$14.68	\$19.58
47-4011	Construction and Building Inspectors	\$19.64	\$25.10	\$22.11	\$25.13	\$28.06
47-0000	Construction and Extraction Occupations	\$10.32	\$18.46	\$12.02	\$17.53	\$23.21
47-2061	Construction Laborers	\$9.88	\$16.24	\$10.95	\$14.37	\$20.62
11-9021	Construction Managers	\$26.25	\$36.96	\$29.30	\$35.16	\$43.29
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	\$19.09	\$23.10	\$21.10	\$23.93	\$26.29
35-2011	Cooks, Fast Food	\$6.75*	\$7.42	\$6.94	\$7.59	\$8.22
35-2012	Cooks, Institution and Cafeteria	\$8.05	\$10.61	\$8.46	\$10.17	\$12.54
35-2014	Cooks, Restaurant	\$8.80	\$9.94	\$9.17	\$9.98	\$10.81
35-2015	Cooks, Short Order	\$7.43	\$8.88	\$7.44	\$8.21	\$9.97
43-4021	Correspondence Clerks	\$11.73	\$13.47	\$12.21	\$13.42	\$14.66
13-1051	Cost Estimators	\$16.25	\$25.93	\$18.02	\$23.98	\$32.13
41-2021	Counter and Rental Clerks	\$6.75*	\$10.49	\$7.04	\$8.49	\$11.30
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$7.08	\$8.59	\$7.24	\$7.93	\$8.67

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-5021	Couriers and Messengers	\$7.75	\$9.37	\$7.73	\$8.46	\$9.77
43-4031	Court, Municipal, and License Clerks	\$13.11	\$17.68	\$13.77	\$16.55	\$21.00
53-7021	Crane and Tower Operators	\$21.78	\$26.97	\$23.12	\$27.60	\$31.82
13-2041	Credit Analysts	\$16.66	\$30.36	\$18.20	\$23.29	\$34.27
33-9091	Crossing Guards	\$7.63	\$8.60	\$7.60	\$8.31	\$9.20
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$8.94	\$15.35	\$9.54	\$13.14	\$21.93
43-4051	Customer Service Representatives	\$9.72	\$14.36	\$10.84	\$13.46	\$17.03
51-9031	Cutters and Trimmers, Hand	\$7.61	\$9.05	\$7.86	\$8.86	\$10.18
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	\$7.88	\$12.72	\$8.20	\$11.33	\$16.39
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$7.60	\$10.86	\$8.00	\$9.57	\$13.37
43-9021	Data Entry Keyers	\$9.65	\$13.05	\$10.18	\$11.66	\$14.96
15-1061	Database Administrators	\$15.11	\$31.91	\$18.55	\$31.16	\$46.07
41-9011	Demonstrators and Product Promoters	\$7.51	\$9.23	\$7.66	\$8.30	\$8.97
31-9091	Dental Assistants	\$11.76	\$14.30	\$12.24	\$13.82	\$16.28
29-2021	Dental Hygienists	\$18.68	\$31.80	\$21.20	\$37.51	\$41.70
51-9081	Dental Laboratory Technicians	\$11.99	\$18.96	\$13.18	\$19.12	\$25.13
29-1020	Dentists	\$47.39	\$55.48	\$48.93	\$54.19	\$58.46
43-9031	Desktop Publishers	\$14.18	\$19.77	\$15.53	\$17.57	\$24.49
33-3021	Detectives and Criminal Investigators	\$24.97	\$31.08	\$27.11	\$31.15	\$35.25

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
29-2051	Dietetic Technicians	\$7.69	\$10.53	\$8.16	\$9.68	\$12.89
29-1031	Dietitians and Nutritionists	\$17.82	\$21.81	\$18.82	\$21.35	\$24.77
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$6.75*	\$6.98	\$6.75*	\$6.83	\$7.66
21-2021	Directors, Religious Activities and Education	\$8.41	\$12.90	\$9.31	\$11.46	\$15.47
35-9021	Dishwashers	\$6.75*	\$7.87	\$6.78	\$7.70	\$9.04
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$8.25	\$15.88	\$8.92	\$13.82	\$21.74
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	\$6.75*	\$15.74	\$6.99	\$10.17	\$20.05
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$8.90	\$12.31	\$10.15	\$12.46	\$14.17
53-3031	Driver/Sales Workers	\$6.75*	\$10.67	\$6.81	\$9.09	\$13.59
47-2081	Drywall and Ceiling Tile Installers	\$13.87	\$22.59	\$15.68	\$20.29	\$27.80
47-5021	Earth Drillers, Except Oil and Gas	\$18.10	\$25.10	\$19.68	\$24.12	\$32.08
27-3041	Editors	\$13.61	\$21.49	\$14.41	\$20.17	\$25.57
11-9032	Education Administrators, Elementary and Secondary School	(2)	(2)	(2)	(2)	(2)
11-9033	Education Administrators, Postsecondary	\$18.77	\$28.48	\$19.98	\$23.77	\$35.87
11-9031	Education Administrators, Preschool and Child Care Center/Program	\$10.88	\$17.82	\$14.08	\$16.44	\$20.72
25-1081	Education Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
25-0000	Education, Training, and Library Occupations	\$11.43	\$21.04	\$13.04	\$19.68	\$27.42
25-9199	Education, Training, and Library Workers, All Other	\$6.75*	\$10.57	\$6.75*	\$6.83	\$10.97
21-1012	Educational, Vocational, and School Counselors	\$12.03	\$24.84	\$14.38	\$25.71	\$33.22

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
49-2092	Electric Motor, Power Tool, and Related Repairers	\$11.20	\$16.60	\$12.99	\$18.37	\$20.21
17-3023	Electrical and Electronic Engineering Technicians	\$14.92	\$23.97	\$17.02	\$24.19	\$30.57
51-2022	Electrical and Electronic Equipment Assemblers	\$7.77	\$10.62	\$8.27	\$10.17	\$12.56
17-3012	Electrical and Electronics Drafters	\$16.12	\$23.35	\$17.92	\$21.39	\$30.14
17-2071	Electrical Engineers	\$27.32	\$38.40	\$29.75	\$35.93	\$46.87
47-2111	Electricians	\$13.84	\$23.01	\$17.62	\$23.18	\$29.67
51-2023	Electromechanical Equipment Assemblers	\$8.25	\$11.30	\$8.85	\$11.32	\$13.30
17-3024	Electro-Mechanical Technicians	\$14.58	\$21.19	\$17.23	\$20.40	\$25.16
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	\$8.10	\$11.63	\$9.14	\$10.71	\$13.22
17-2072	Electronics Engineers, Except Computer	\$26.82	\$36.05	\$30.12	\$36.54	\$42.00
25-2021	Elementary School Teachers, Except Special Education	(2)	(2)	(2)	(2)	(2)
29-2041	Emergency Medical Technicians and Paramedics	\$9.31	\$14.47	\$10.23	\$12.98	\$18.48
13-1071	Employment, Recruitment, and Placement Specialists	\$11.58	\$29.74	\$14.77	\$21.48	\$34.43
51-2031	Engine and Other Machine Assemblers	\$8.40	\$11.10	\$8.82	\$10.83	\$12.83
11-9041	Engineering Managers	\$35.84	\$47.01	\$39.12	\$45.07	\$56.29
17-2199	Engineers, All Other	\$25.13	\$35.91	\$28.77	\$35.50	\$43.33
25-1123	English Language and Literature Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
17-3025	Environmental Engineering Technicians	\$11.10	\$19.96	\$12.49	\$17.64	\$27.20
17-2081	Environmental Engineers	\$22.00	\$30.18	\$24.59	\$30.24	\$34.91
19-4091	Environmental Science and Protection Technicians, Including Health	\$13.33	\$20.77	\$15.16	\$20.31	\$26.47

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
19-2041	Environmental Scientists and Specialists, Including Health	\$21.25	\$31.44	\$23.70	\$29.29	\$38.32
51-9194	Etchers and Engravers	\$8.98	\$11.46	\$9.55	\$11.33	\$13.13
53-7032	Excavating and Loading Machine and Dragline Operators	\$18.67	\$26.44	\$21.92	\$28.62	\$31.92
43-6011	Executive Secretaries and Administrative Assistants	\$13.03	\$18.91	\$14.42	\$17.69	\$22.56
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$7.87	\$10.57	\$8.14	\$9.52	\$11.63
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$7.91	\$11.36	\$8.56	\$10.18	\$14.02
51-6092	Fabric and Apparel Patternmakers	\$8.33	\$13.95	\$8.78	\$12.49	\$16.42
29-1062	Family and General Practitioners	\$47.31	(3)	\$59.41	>\$70.00	>\$70.00
49-3041	Farm Equipment Mechanics	\$11.74	\$16.97	\$12.57	\$15.88	\$21.41
45-1012	Farm Labor Contractors	\$6.75*	\$8.76	\$7.09	\$8.55	\$10.17
11-9011	Farm, Ranch, and Other Agricultural Managers	\$13.60	\$23.41	\$13.94	\$23.28	\$31.81
45-0000	Farming, Fishing, and Forestry Occupations	\$6.75*	\$8.09	\$6.75*	\$7.43	\$8.96
45-9099	Farming, Fishing, and Forestry Workers, All Other	\$6.93	\$9.72	\$6.88	\$7.35	\$9.19
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$6.75*	\$7.74	\$6.75*	\$7.20	\$8.51
45-2093	Farmworkers, Farm and Ranch Animals	\$8.14	\$9.08	\$8.05	\$8.71	\$9.41
47-4031	Fence Erectors	\$9.21	\$12.74	\$9.63	\$10.53	\$11.88
51-2091	Fiberglass Laminators and Fabricators	\$10.42	\$12.87	\$10.95	\$12.29	\$14.86
43-4071	File Clerks	\$7.49	\$9.70	\$7.83	\$9.10	\$10.91
13-2051	Financial Analysts	\$21.62	\$29.17	\$24.15	\$29.37	\$33.86

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
11-3031	Financial Managers	\$23.82	\$40.61	\$27.46	\$36.81	\$53.00
13-2099	Financial Specialists, All Other	\$13.50	\$25.01	\$15.80	\$20.83	\$31.30
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	\$17.74	\$24.72	\$18.59	\$22.49	\$28.44
33-2011	Fire Fighters	\$17.13	\$23.65	\$18.84	\$21.67	\$26.74
33-2021	Fire Inspectors and Investigators	\$19.58	\$25.51	\$19.99	\$23.93	\$30.98
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$20.82	\$29.13	\$23.87	\$29.27	\$34.90
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$9.24	\$13.46	\$9.77	\$11.35	\$16.08
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$8.82	\$12.15	\$9.24	\$10.66	\$14.96
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$13.32	\$20.94	\$15.73	\$20.36	\$24.87
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$9.62	\$14.26	\$10.63	\$13.43	\$16.53
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$10.34	\$17.75	\$11.02	\$15.65	\$20.97
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$14.25	\$24.21	\$16.85	\$22.96	\$29.51
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	\$14.33	\$28.38	\$16.35	\$22.95	\$37.83
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$14.87	\$21.77	\$16.82	\$20.41	\$25.82
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$9.43	\$13.89	\$11.17	\$12.99	\$16.73
33-1012	First-Line Supervisors/Managers of Police and Detectives	\$29.83	\$38.86	\$34.00	\$39.67	\$45.45
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	\$14.62	\$23.72	\$17.11	\$23.04	\$29.85
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$10.71	\$18.94	\$11.92	\$16.30	\$21.77

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle	\$15.36	\$24.86	\$17.38	\$21.84	\$31.47
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	\$9.72	\$19.38	\$10.84	\$16.26	\$26.21
39-9031	Fitness Trainers and Aerobics Instructors	\$11.33	\$20.82	\$14.20	\$23.68	\$26.83
47-2042	Floor Layers, Except Carpet, Wood, and Hard Tiles	\$15.65	\$20.35	\$17.87	\$19.92	\$21.97
27-1023	Floral Designers	\$6.75*	\$9.07	\$6.75*	\$6.75*	\$12.18
51-3093	Food Cooking Machine Operators and Tenders	\$9.59	\$12.88	\$9.92	\$10.99	\$17.95
35-9099	Food Preparation and Serving Related Workers, All Other	\$6.79	\$7.83	\$6.83	\$7.28	\$8.34
35-0000	Food Preparation and Serving-Related Occupations	\$6.75*	\$8.66	\$6.84	\$7.83	\$9.41
35-2021	Food Preparation Workers	\$7.35	\$9.23	\$7.49	\$8.54	\$10.47
35-3041	Food Servers, Nonrestaurant	\$6.91	\$9.30	\$7.06	\$7.86	\$11.46
11-9051	Food Service Managers	\$15.47	\$20.56	\$16.01	\$18.10	\$23.15
19-4093	Forest and Conservation Technicians	\$13.25	\$16.74	\$14.32	\$17.08	\$19.62
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	\$8.02	\$13.72	\$8.99	\$13.98	\$17.16
51-4071	Foundry Mold and Coremakers	\$7.17	\$9.66	\$7.99	\$9.81	\$11.09
11-9061	Funeral Directors	\$16.43	\$23.72	\$17.72	\$20.83	\$25.56
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$7.11	\$10.12	\$7.23	\$8.44	\$12.83
11-1021	General and Operations Managers	\$24.16	\$43.62	\$29.10	\$41.41	\$59.60
19-4041	Geological and Petroleum Technicians	\$12.74	\$20.78	\$13.54	\$22.01	\$26.20
19-2042	Geoscientists, Except Hydrologists and Geographers	\$18.31	\$30.89	\$21.21	\$29.27	\$40.27
47-2121	Glaziers	\$13.81	\$18.74	\$15.81	\$19.61	\$21.88

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
45-2041	Graders and Sorters, Agricultural Products	\$7.13	\$8.24	\$7.42	\$8.20	\$9.05
27-1024	Graphic Designers	\$15.33	\$19.41	\$15.82	\$17.89	\$21.37
51-9022	Grinding and Polishing Workers, Hand	\$7.46	\$12.87	\$8.04	\$10.12	\$12.93
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$7.36	\$10.29	\$7.99	\$9.84	\$11.82
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$6.96	\$10.51	\$7.35	\$8.99	\$12.19
47-4041	Hazardous Materials Removal Workers	\$16.00	\$19.97	\$17.01	\$19.71	\$23.07
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	\$20.85	\$31.13	\$23.85	\$31.16	\$36.97
29-1199	Health Diagnosing and Treating Practitioners, All Other	\$15.27	\$28.68	\$17.85	\$25.87	\$30.86
21-1091	Health Educators	\$13.85	\$19.44	\$14.63	\$17.44	\$23.66
29-0000	Healthcare Practitioners and Technical Occupations	\$15.36	\$29.85	\$18.11	\$25.58	\$36.93
31-0000	Healthcare Support Occupations	\$8.48	\$11.98	\$9.18	\$11.44	\$13.69
31-9099	Healthcare Support Workers, All Other	\$11.16	\$13.31	\$11.80	\$13.12	\$14.80
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$15.21	\$21.19	\$17.72	\$21.59	\$25.34
47-3019	Helpers, Construction Trades, All Other	\$9.66	\$10.09	\$9.30	\$9.96	\$10.60
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	\$9.80	\$13.24	\$10.23	\$12.43	\$16.07
47-3013	Helpers--Electricians	\$9.38	\$13.78	\$10.07	\$14.01	\$17.39
47-5081	Helpers--Extraction Workers	\$9.92	\$13.10	\$11.32	\$13.90	\$15.62
49-9098	Helpers--Installation, Maintenance, and Repair Workers	\$7.82	\$10.38	\$7.90	\$8.81	\$11.37
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	\$8.18	\$10.05	\$8.87	\$9.84	\$10.84

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
47-3015	Helpers--Pipeliners, Plumbers, Pipefitters, and Steamfitters	\$8.99	\$10.44	\$9.27	\$10.24	\$11.31
51-9198	Helpers--Production Workers	\$6.99	\$10.46	\$7.67	\$10.51	\$13.20
47-4051	Highway Maintenance Workers	\$11.84	\$16.94	\$14.67	\$16.93	\$20.26
31-1011	Home Health Aides	\$7.36	\$8.94	\$7.43	\$8.31	\$9.71
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$6.75*	\$7.10	\$6.75*	\$6.93	\$7.96
43-4081	Hotel, Motel, and Resort Desk Clerks	\$7.90	\$8.48	\$7.74	\$8.35	\$9.04
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$12.68	\$17.25	\$14.39	\$17.49	\$20.56
11-3040	Human Resources Managers	\$22.44	\$35.77	\$25.14	\$32.63	\$48.94
19-2043	Hydrologists	\$27.14	\$33.93	\$28.64	\$33.13	\$40.54
17-2112	Industrial Engineers	\$22.70	\$29.45	\$24.78	\$29.53	\$33.86
49-9041	Industrial Machinery Mechanics	\$14.16	\$20.75	\$16.85	\$21.26	\$25.34
11-3051	Industrial Production Managers	\$23.93	\$36.71	\$28.03	\$36.57	\$44.36
53-7051	Industrial Truck and Tractor Operators	\$9.37	\$15.54	\$10.17	\$13.08	\$19.60
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$8.51	\$15.12	\$9.69	\$14.36	\$19.43
49-0000	Installation, Maintenance, and Repair Occupations	\$10.08	\$17.62	\$11.76	\$16.51	\$21.93
49-9099	Installation, Maintenance, and Repair Workers, All Other	\$11.64	\$17.82	\$12.77	\$16.91	\$22.45
25-9031	Instructional Coordinators	\$14.30	\$25.72	\$15.92	\$25.61	\$34.06
43-9041	Insurance Claims and Policy Processing Clerks	\$10.40	\$15.21	\$11.06	\$14.35	\$17.23
41-3021	Insurance Sales Agents	\$15.43	\$33.21	\$18.40	\$26.83	\$44.38
29-1063	Internists, General	\$62.74	(3)	>\$70.00	>\$70.00	>\$70.00

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-4111	Interviewers, Except Eligibility and Loan	\$8.07	\$11.95	\$8.66	\$9.84	\$12.39
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$6.75*	\$9.61	\$6.93	\$8.37	\$11.08
51-9071	Jewelers and Precious Stone and Metal Workers	\$7.73	\$16.32	\$9.18	\$14.73	\$24.63
51-5021	Job Printers	\$11.39	\$16.47	\$12.23	\$15.79	\$20.38
25-2012	Kindergarten Teachers, Except Special Education	(2)	(2)	(2)	(2)	(2)
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$7.37	\$9.29	\$7.52	\$8.50	\$10.57
37-3011	Landscaping and Groundskeeping Workers	\$7.27	\$9.93	\$7.55	\$8.78	\$11.03
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$10.98	\$15.18	\$11.94	\$14.06	\$18.05
51-6011	Laundry and Dry-Cleaning Workers	\$7.23	\$8.09	\$7.39	\$8.04	\$8.69
23-2092	Law Clerks	\$11.96	\$15.79	\$12.77	\$15.74	\$19.09
23-1011	Lawyers	\$35.98	\$49.32	\$40.16	\$48.83	\$58.46
23-0000	Legal Occupations	\$20.61	\$36.52	\$23.21	\$32.06	\$49.72
43-6012	Legal Secretaries	\$14.12	\$18.76	\$16.30	\$19.54	\$21.70
11-1031	Legislators	\$16.11	\$20.11	\$19.01	\$20.89	\$23.01
25-4021	Librarians	\$17.90	\$27.58	\$21.88	\$27.15	\$33.89
43-4121	Library Assistants, Clerical	\$10.72	\$14.60	\$11.92	\$13.97	\$17.30
25-4031	Library Technicians	\$10.93	\$14.63	\$11.90	\$14.93	\$17.09
29-2061	Licensed Practical and Licensed Vocational Nurses	\$13.95	\$17.07	\$14.77	\$16.81	\$19.40
19-0000	Life, Physical, and Social Science Occupations	\$15.18	\$26.21	\$17.79	\$23.83	\$33.15
13-2071	Loan Counselors	\$11.11	\$18.11	\$13.30	\$16.89	\$20.99

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-4131	Loan Interviewers and Clerks	\$13.05	\$15.35	\$13.40	\$15.08	\$17.43
13-2072	Loan Officers	\$20.25	\$25.15	\$20.75	\$23.23	\$27.40
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	\$7.42	\$8.57	\$7.49	\$8.23	\$8.96
49-9094	Locksmiths and Safe Repairers	\$10.25	\$14.11	\$10.84	\$13.94	\$16.63
11-9081	Lodging Managers	\$12.45	\$16.91	\$13.18	\$15.85	\$18.98
51-4041	Machinists	\$9.09	\$13.99	\$10.15	\$13.82	\$16.76
37-2012	Maids and Housekeeping Cleaners	\$6.75*	\$7.88	\$6.86	\$7.57	\$8.55
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$8.13	\$11.02	\$8.91	\$11.03	\$12.86
49-9042	Maintenance and Repair Workers, General	\$9.08	\$14.68	\$10.29	\$13.92	\$17.92
49-9043	Maintenance Workers, Machinery	\$10.97	\$15.73	\$13.29	\$16.10	\$18.90
13-1111	Management Analysts	\$23.14	\$35.88	\$25.56	\$32.53	\$49.51
11-0000	Management Occupations	\$21.78	\$40.04	\$26.13	\$37.84	\$53.30
11-9199	Managers, All Other	\$21.70	\$37.81	\$25.29	\$33.97	\$51.19
39-5092	Manicurists and Pedicurists	\$6.90	\$7.54	\$6.79	\$7.17	\$8.08
19-3021	Market Research Analysts	\$14.71	\$28.64	\$16.83	\$24.17	\$36.01
11-2021	Marketing Managers	\$25.55	\$41.83	\$30.92	\$43.47	\$53.54
21-1013	Marriage and Family Therapists	\$7.71	\$20.03	\$7.36	\$20.05	\$30.59
31-9011	Massage Therapists	\$17.35	\$24.52	\$23.81	\$26.40	\$28.99
53-7199	Material Moving Workers, All Other	\$7.14	\$12.78	\$7.35	\$8.85	\$13.54
17-2131	Materials Engineers	\$17.86	\$29.63	\$21.56	\$30.19	\$36.01

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
25-1022	Mathematical Science Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	\$6.85	\$8.22	\$6.75*	\$7.10	\$9.12
17-3013	Mechanical Drafters	\$14.14	\$20.73	\$15.72	\$19.76	\$23.47
17-3027	Mechanical Engineering Technicians	\$16.73	\$22.47	\$18.95	\$23.02	\$26.84
17-2141	Mechanical Engineers	\$22.28	\$31.92	\$25.36	\$31.67	\$38.04
27-4099	Media and Communication Equipment Workers, All Other	\$10.13	\$21.52	\$10.99	\$23.55	\$29.18
27-3099	Media and Communication Workers, All Other	\$13.61	\$19.20	\$14.78	\$17.82	\$23.01
29-2012	Medical and Clinical Laboratory Technicians	\$10.48	\$13.91	\$11.09	\$12.68	\$15.74
29-2011	Medical and Clinical Laboratory Technologists	\$23.34	\$27.04	\$24.15	\$27.25	\$30.99
11-9111	Medical and Health Services Managers	\$23.05	\$33.31	\$25.11	\$31.19	\$38.96
31-9092	Medical Assistants	\$9.44	\$12.25	\$10.27	\$11.98	\$13.57
49-9062	Medical Equipment Repairers	\$12.71	\$16.90	\$14.28	\$17.06	\$19.94
29-2071	Medical Records and Health Information Technicians	\$8.56	\$13.28	\$8.98	\$10.80	\$16.12
43-6013	Medical Secretaries	\$10.46	\$13.44	\$11.22	\$13.44	\$15.77
31-9094	Medical Transcriptionists	\$12.28	\$14.78	\$12.41	\$13.83	\$16.73
13-1121	Meeting and Convention Planners	\$12.22	\$18.18	\$13.38	\$16.89	\$22.37
21-1014	Mental Health Counselors	\$7.73	\$12.13	\$8.20	\$11.16	\$15.00
27-1026	Merchandise Displayers and Window Trimmers	\$8.03	\$12.55	\$9.14	\$10.88	\$14.71
19-1022	Microbiologists	\$17.69	\$29.08	\$19.06	\$24.67	\$38.74
25-2022	Middle School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	\$8.58	\$12.02	\$9.82	\$12.03	\$14.31
49-9044	Millwrights	\$11.57	\$16.09	\$13.21	\$15.29	\$17.90
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers	\$24.40	\$28.77	\$24.02	\$26.23	\$32.24
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$11.71	\$16.02	\$12.98	\$15.59	\$17.95
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$13.48	\$21.26	\$15.19	\$21.26	\$26.86
51-4061	Model Makers, Metal and Plastic	\$15.65	\$22.67	\$19.27	\$22.86	\$28.20
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$6.75*	\$7.58	\$6.75*	\$6.93	\$8.07
53-3099	Motor Vehicle Operators, All Other	\$8.46	\$15.09	\$9.06	\$14.15	\$20.31
49-3052	Motorcycle Mechanics	\$8.05	\$15.82	\$8.64	\$16.02	\$21.51
27-1014	Multi-Media Artists and Animators	\$18.16	\$27.34	\$21.82	\$27.83	\$33.79
11-9121	Natural Sciences Managers	\$23.15	\$30.95	\$24.96	\$29.54	\$34.18
15-1071	Network and Computer Systems Administrators	\$21.24	\$28.81	\$23.30	\$28.36	\$33.89
43-4141	New Accounts Clerks	\$10.65	\$15.03	\$11.56	\$14.09	\$18.10
39-2021	Nonfarm Animal Caretakers	\$7.06	\$9.59	\$7.42	\$8.74	\$11.00
29-2033	Nuclear Medicine Technologists	\$24.73	\$28.79	\$25.33	\$28.42	\$32.19
51-4012	Numerical Tool and Process Control Programmers	\$17.47	\$21.11	\$18.81	\$20.91	\$23.00
31-1012	Nursing Aides, Orderlies, and Attendants	\$8.26	\$10.15	\$8.75	\$9.99	\$11.31
29-1064	Obstetricians and Gynecologists	\$49.14	(3)	\$48.38	\$52.36	>\$70.00
29-9010	Occupational Health and Safety Specialists and Technicians	\$24.41	\$29.21	\$25.87	\$29.47	\$33.64

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
31-2011	Occupational Therapist Assistants	\$16.25	\$20.46	\$17.67	\$20.54	\$23.98
29-1122	Occupational Therapists	\$22.70	\$26.97	\$24.10	\$26.78	\$30.17
43-0000	Office and Administrative Support Occupations	\$8.95	\$14.34	\$10.17	\$13.31	\$17.54
43-9061	Office Clerks, General	\$7.74	\$12.05	\$8.82	\$11.21	\$14.33
47-2073	Operating Engineers and Other Construction Equipment Operators	\$15.25	\$25.07	\$19.09	\$27.07	\$32.84
15-2031	Operations Research Analysts	\$22.48	\$31.85	\$24.39	\$30.31	\$37.93
51-9083	Ophthalmic Laboratory Technicians	\$8.15	\$9.83	\$8.03	\$8.70	\$10.35
29-2081	Opticians, Dispensing	\$12.31	\$14.72	\$13.10	\$14.77	\$16.36
29-1041	Optometrists	\$31.86	\$37.25	\$33.68	\$38.42	\$42.29
43-4151	Order Clerks	\$9.05	\$13.63	\$10.24	\$12.70	\$16.32
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	\$11.04	\$12.96	\$11.61	\$12.96	\$14.32
51-9111	Packaging and Filling Machine Operators and Tenders	\$7.09	\$9.50	\$7.49	\$8.47	\$10.47
53-7064	Packers and Packagers, Hand	\$6.75*	\$8.26	\$6.75*	\$7.61	\$8.76
47-2141	Painters, Construction and Maintenance	\$10.61	\$14.37	\$11.71	\$14.31	\$16.44
51-9122	Painters, Transportation Equipment	\$16.31	\$20.65	\$18.29	\$20.97	\$24.29
51-9123	Painting, Coating, and Decorating Workers	\$6.82	\$10.45	\$7.27	\$9.59	\$12.36
23-2011	Paralegals and Legal Assistants	\$21.18	\$23.86	\$22.43	\$24.34	\$26.32
33-3041	Parking Enforcement Workers	\$10.14	\$14.87	\$10.66	\$15.05	\$19.03
41-2022	Parts Salespersons	\$9.02	\$16.33	\$10.34	\$15.96	\$21.95
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$13.56	\$22.50	\$15.20	\$21.22	\$30.83

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-3051	Payroll and Timekeeping Clerks	\$12.01	\$16.41	\$13.15	\$15.80	\$19.37
29-1065	Pediatricians, General	\$50.52	(3)	\$55.13	>\$70.00	>\$70.00
39-9021	Personal and Home Care Aides	\$7.41	\$8.46	\$7.41	\$8.06	\$8.78
39-0000	Personal Care and Service Occupations	\$6.93	\$11.08	\$7.32	\$9.06	\$12.51
39-9099	Personal Care and Service Workers, All Other	\$9.64	\$12.61	\$10.13	\$11.61	\$14.53
13-2052	Personal Financial Advisors	\$22.44	\$36.33	\$26.04	\$32.13	\$36.99
37-2021	Pest Control Workers	\$11.86	\$15.33	\$13.28	\$15.53	\$17.09
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	\$7.77	\$10.24	\$7.89	\$8.90	\$11.11
17-2171	Petroleum Engineers	\$30.75	\$37.07	\$33.42	\$38.31	\$42.23
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	\$20.57	\$24.20	\$21.54	\$24.80	\$27.34
29-1051	Pharmacists	\$33.49	\$40.60	\$37.38	\$41.38	\$45.36
31-9095	Pharmacy Aides	\$7.88	\$10.32	\$8.15	\$9.63	\$12.44
29-2052	Pharmacy Technicians	\$10.32	\$13.77	\$11.33	\$13.93	\$16.08
25-1126	Philosophy and Religion Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-4021	Photographers	\$8.49	\$11.96	\$8.99	\$10.12	\$11.18
51-9131	Photographic Process Workers	\$8.61	\$17.23	\$9.08	\$18.69	\$24.61
51-9132	Photographic Processing Machine Operators	\$8.86	\$11.97	\$9.45	\$11.93	\$14.58
31-2022	Physical Therapist Aides	\$8.46	\$11.49	\$9.02	\$11.95	\$13.36
31-2021	Physical Therapist Assistants	\$17.11	\$20.94	\$18.39	\$20.76	\$23.30
29-1123	Physical Therapists	\$20.06	\$28.71	\$21.66	\$26.90	\$34.04

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
29-1071	Physician Assistants	\$29.64	\$32.06	\$29.76	\$32.24	\$34.72
47-2151	Pipelayers	\$22.05	\$25.22	\$23.36	\$25.40	\$27.43
47-2161	Plasterers and Stucco Masons	\$12.55	\$16.95	\$14.49	\$17.78	\$20.42
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	\$7.78	\$9.91	\$7.93	\$8.70	\$10.56
47-2152	Plumbers, Pipefitters, and Steamfitters	\$11.81	\$17.85	\$14.36	\$18.23	\$21.54
33-3051	Police and Sheriff's Patrol Officers	\$20.35	\$26.51	\$21.38	\$25.83	\$32.04
43-5031	Police, Fire, and Ambulance Dispatchers	\$12.43	\$16.83	\$13.31	\$16.43	\$19.90
51-8013	Power Plant Operators	\$17.56	\$23.85	\$20.45	\$24.50	\$28.65
49-9069	Precision Instrument and Equipment Repairers, All Other	\$12.75	\$18.98	\$12.90	\$14.40	\$21.47
51-5022	Prepress Technicians and Workers	\$10.58	\$16.35	\$12.77	\$16.67	\$20.30
25-2011	Preschool Teachers, Except Special Education	\$7.88	\$11.23	\$8.32	\$10.27	\$12.69
51-6021	Pressers, Textile, Garment, and Related Materials	\$6.75*	\$7.07	\$6.75*	\$6.87	\$7.97
51-5023	Printing Machine Operators	\$9.68	\$15.12	\$11.12	\$13.80	\$19.02
43-3061	Procurement Clerks	\$12.40	\$16.61	\$14.00	\$16.59	\$19.26
27-2012	Producers and Directors	(2)	(2)	(2)	(2)	(2)
51-0000	Production Occupations	\$7.46	\$12.73	\$8.18	\$10.90	\$15.68
51-9199	Production Workers, All Other	\$6.86	\$9.88	\$7.08	\$8.36	\$11.81
43-5061	Production, Planning, and Expediting Clerks	\$10.32	\$16.20	\$11.31	\$14.64	\$20.44
43-9081	Proofreaders and Copy Markers	\$8.35	\$11.57	\$8.66	\$10.05	\$12.83
11-9141	Property, Real Estate, and Community Association Managers	\$11.30	\$26.06	\$13.30	\$20.04	\$46.21

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
33-0000	Protective Service Occupations	\$8.10	\$18.15	\$8.98	\$17.36	\$24.81
29-1066	Psychiatrists	\$42.46	\$55.66	\$52.76	\$58.46	\$61.30
25-1066	Psychology Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
11-2031	Public Relations Managers	\$16.45	\$27.78	\$20.04	\$26.84	\$33.76
27-3031	Public Relations Specialists	\$15.55	\$22.24	\$17.65	\$22.38	\$26.34
13-1021	Purchasing Agents and Buyers, Farm Products	\$16.04	\$24.20	\$16.96	\$20.46	\$28.09
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$16.23	\$23.21	\$18.23	\$21.61	\$27.99
11-3061	Purchasing Managers	\$22.07	\$34.95	\$25.06	\$36.88	\$43.33
29-2034	Radiologic Technologists and Technicians	\$16.86	\$20.22	\$17.96	\$20.06	\$22.77
41-9021	Real Estate Brokers	\$23.19	\$38.23	\$25.13	\$31.89	\$44.20
41-9022	Real Estate Sales Agents	\$19.68	\$27.52	\$24.41	\$30.44	\$33.06
43-4171	Receptionists and Information Clerks	\$7.90	\$11.04	\$8.62	\$10.62	\$12.84
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
39-9032	Recreation Workers	\$6.75*	\$8.24	\$6.75*	\$7.16	\$8.93
29-1125	Recreational Therapists	\$9.66	\$14.36	\$9.91	\$11.24	\$18.83
53-7081	Refuse and Recyclable Material Collectors	\$10.25	\$14.50	\$13.21	\$15.48	\$17.07
29-1111	Registered Nurses	\$20.07	\$27.59	\$21.77	\$26.71	\$32.12
21-1015	Rehabilitation Counselors	\$16.41	\$24.34	\$19.34	\$25.36	\$30.26
47-2171	Reinforcing Iron and Rebar Workers	\$13.34	\$23.12	\$15.75	\$20.92	\$32.91
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	\$12.68	\$16.51	\$14.43	\$16.55	\$19.48

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
29-1126	Respiratory Therapists	\$18.43	\$21.85	\$18.70	\$20.74	\$24.07
41-2031	Retail Salespersons	\$7.28	\$11.51	\$7.61	\$8.89	\$12.34
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	\$7.61	\$10.58	\$8.32	\$10.34	\$12.67
47-2181	Roofers	\$9.04	\$12.78	\$9.82	\$12.33	\$15.15
41-0000	Sales and Related Occupations	\$7.34	\$15.12	\$7.95	\$10.87	\$18.41
11-2022	Sales Managers	\$25.62	\$43.88	\$30.07	\$42.89	\$58.57
41-3099	Sales Representatives, Services, All Other	\$14.33	\$24.17	\$17.36	\$21.60	\$31.17
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Product	\$12.98	\$24.72	\$15.62	\$21.51	\$30.71
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$20.65	\$33.89	\$23.40	\$27.46	\$42.72
25-2031	Secondary School Teachers, Except Special and Vocational Education	(2)	(2)	(2)	(2)	(2)
43-6014	Secretaries, Except Legal, Medical, and Executive	\$10.16	\$13.83	\$11.10	\$13.36	\$16.39
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$14.96	\$34.65	\$18.48	\$30.13	\$49.83
33-9032	Security Guards	\$7.31	\$9.36	\$7.75	\$8.69	\$10.29
25-3021	Self-Enrichment Education Teachers	\$8.75	\$14.04	\$9.37	\$10.78	\$16.77
51-9141	Semiconductor Processors	\$8.34	\$13.11	\$8.93	\$11.99	\$15.83
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	\$14.55	\$20.63	\$16.89	\$22.48	\$25.15
53-6031	Service Station Attendants	\$6.75*	\$9.04	\$7.08	\$8.20	\$10.35
47-5013	Service Unit Operators, Oil, Gas, and Mining	\$10.50	\$19.02	\$11.06	\$19.19	\$24.48
51-6031	Sewing Machine Operators	\$6.75*	\$8.12	\$6.75*	\$7.64	\$9.00

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
43-5071	Shipping, Receiving, and Traffic Clerks	\$8.12	\$11.55	\$8.86	\$10.72	\$13.60
51-6041	Shoe and Leather Workers and Repairers	\$7.38	\$9.45	\$7.66	\$9.42	\$11.06
39-5094	Skin Care Specialists	\$7.01	\$9.34	\$7.37	\$8.29	\$10.39
11-9151	Social and Community Service Managers	\$14.19	\$20.94	\$15.37	\$18.70	\$23.57
21-1093	Social and Human Service Assistants	\$7.83	\$11.03	\$8.10	\$9.43	\$11.66
25-1067	Sociology Teachers, Postsecondary	(2)	(2)	(2)	(2)	(2)
27-4014	Sound Engineering Technicians	\$9.68	\$11.41	\$9.30	\$9.94	\$10.60
25-2042	Special Education Teachers, Middle School	(2)	(2)	(2)	(2)	(2)
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	(2)	(2)	(2)	(2)	(2)
25-2043	Special Education Teachers, Secondary School	(2)	(2)	(2)	(2)	(2)
29-1127	Speech-Language Pathologists	\$17.99	\$26.45	\$21.75	\$26.94	\$32.07
51-8021	Stationary Engineers and Boiler Operators	\$16.20	\$21.20	\$17.32	\$20.52	\$25.43
43-9111	Statistical Assistants	\$13.97	\$18.94	\$15.11	\$17.89	\$21.54
43-5081	Stock Clerks and Order Fillers	\$7.73	\$11.35	\$8.26	\$10.24	\$13.39
21-1011	Substance Abuse and Behavioral Disorder Counselors	\$10.78	\$15.28	\$12.19	\$14.59	\$17.24
29-1067	Surgeons	\$65.49	(3)	>\$70.00	>\$70.00	>\$70.00
29-2055	Surgical Technologists	\$12.92	\$16.51	\$13.65	\$15.76	\$18.70
17-3031	Surveying and Mapping Technicians	\$13.84	\$21.52	\$15.51	\$19.25	\$28.14
17-1022	Surveyors	\$19.45	\$26.62	\$21.34	\$27.24	\$32.57
43-2011	Switchboard Operators, Including Answering Service	\$8.25	\$11.37	\$8.76	\$10.52	\$13.06

SOC Code	Occupational Title	Entry-Level Hourly Wage (1)	Mean Hourly Wage	25th Percentile Hourly Wage	50th Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
51-6052	Tailors, Dressmakers, and Custom Sewers	\$8.30	\$12.14	\$8.72	\$9.99	\$15.38
13-2081	Tax Examiners, Collectors, and Revenue Agents	\$20.42	\$28.06	\$22.75	\$28.61	\$33.34
53-3041	Taxi Drivers and Chauffeurs	\$7.86	\$10.81	\$7.94	\$8.90	\$12.85
25-9041	Teacher Assistants	(2)	(2)	(2)	(2)	(2)
51-2092	Team Assemblers	\$7.39	\$10.22	\$7.77	\$9.15	\$12.03
27-3042	Technical Writers	\$19.21	\$26.40	\$21.09	\$26.55	\$31.60
49-9052	Telecommunications Line Installers and Repairers	\$14.57	\$20.61	\$15.84	\$20.81	\$25.26
43-3071	Tellers	\$9.51	\$10.70	\$9.55	\$10.42	\$11.45
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	\$7.33	\$9.77	\$7.86	\$9.55	\$11.18
51-6099	Textile, Apparel, and Furnishings Workers, All Other	\$6.75*	\$8.53	\$6.77	\$8.28	\$10.08
47-2044	Tile and Marble Setters	\$18.15	\$23.79	\$19.95	\$23.39	\$26.79
49-3093	Tire Repairers and Changers	\$7.93	\$10.80	\$8.33	\$10.06	\$12.70
23-2093	Title Examiners, Abstractors, and Searchers	\$14.64	\$25.55	\$17.00	\$23.41	\$28.55
51-4111	Tool and Die Makers	\$13.67	\$20.03	\$16.51	\$20.01	\$22.79
51-4194	Tool Grinders, Filers, and Sharpeners	\$7.84	\$10.68	\$8.02	\$9.22	\$12.48
13-1073	Training and Development Specialists	\$15.81	\$24.09	\$17.95	\$22.79	\$29.61
53-0000	Transportation and Material Moving Occupations	\$7.26	\$12.10	\$7.78	\$10.00	\$14.83
53-6051	Transportation Inspectors	\$11.30	\$17.21	\$12.43	\$18.57	\$21.52
53-6099	Transportation Workers, All Other	\$8.47	\$21.57	\$9.37	\$23.81	\$29.14
11-3071	Transportation, Storage, and Distribution Managers	\$21.37	\$31.68	\$23.46	\$28.06	\$38.90

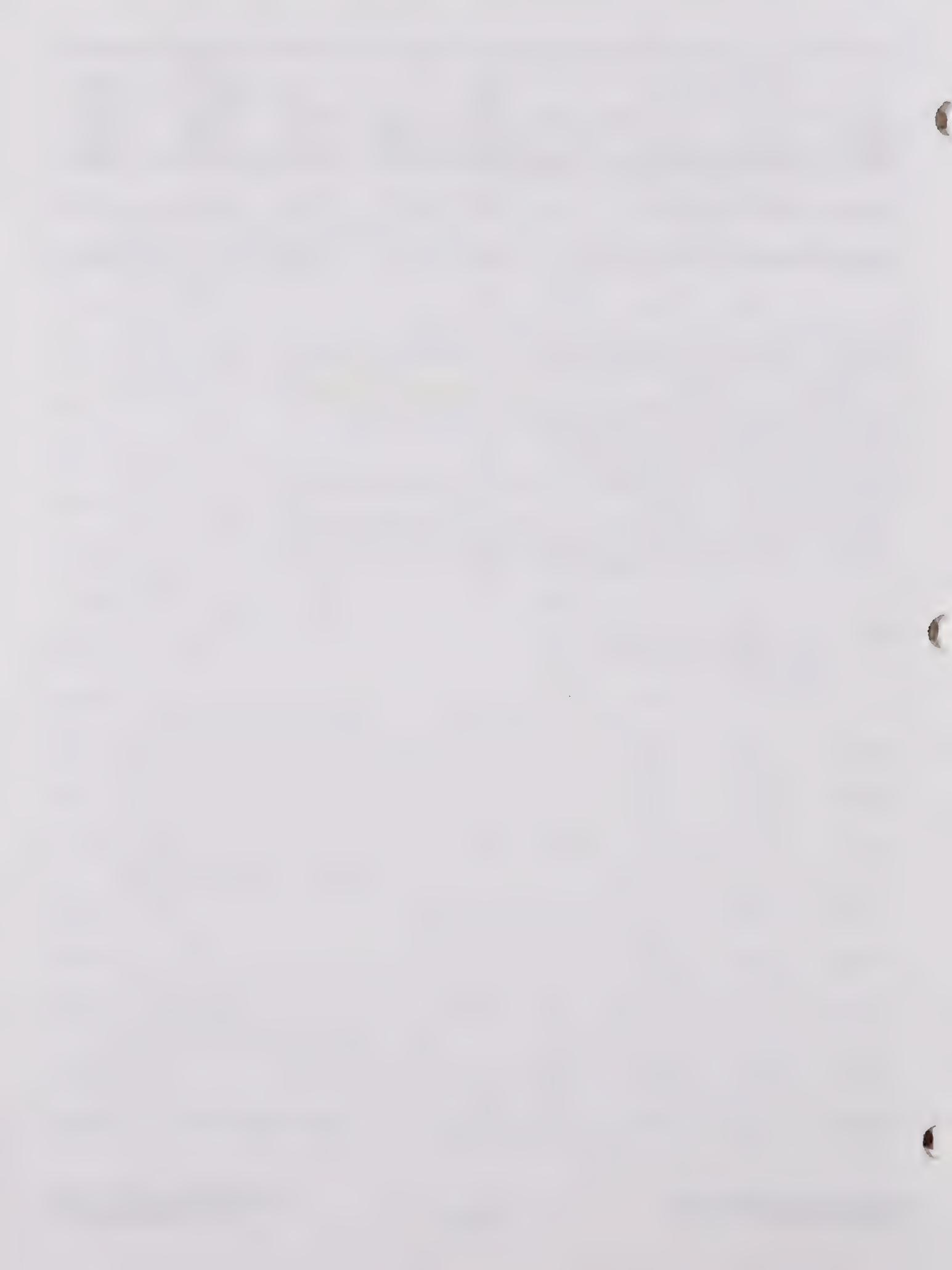
SOC Code	Occupational Title	Entry- Level Hourly Wage (1)	50th Percentile			
			Mean Hourly Wage	25th Percentile Hourly Wage	Percentile (Median) Hourly Wage	75th Percentile Hourly Wage
41-3041	Travel Agents	\$11.01	\$15.34	\$12.18	\$14.50	\$17.01
53-3032	Truck Drivers, Heavy and Tractor-Trailer	\$12.46	\$17.13	\$14.36	\$17.04	\$20.26
53-3033	Truck Drivers, Light or Delivery Services	\$8.23	\$11.60	\$9.05	\$10.93	\$13.19
19-3051	Urban and Regional Planners	\$22.86	\$30.28	\$24.90	\$29.15	\$37.33
39-3031	Ushers, Lobby Attendants, and Ticket Takers	\$6.75*	\$7.19	\$6.75*	\$7.00	\$7.39
29-1131	Veterinarians	\$29.27	\$39.28	\$32.86	\$39.47	\$44.47
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	\$6.75*	\$7.66	\$6.75*	\$6.81	\$8.76
29-2056	Veterinary Technologists and Technicians	\$11.30	\$13.23	\$11.67	\$12.98	\$14.75
25-1194	Vocational Education Teachers, Postsecondary	\$15.26	\$25.33	\$17.93	\$22.11	\$31.04
25-2032	Vocational Education Teachers, Secondary School	(2)	(2)	(2)	(2)	(2)
35-3031	Waiters and Waitresses	\$6.75*	\$8.56	\$6.75*	\$7.29	\$8.47
51-8031	Water and Liquid Waste Treatment Plant and System Operators	\$13.68	\$17.97	\$14.48	\$18.06	\$20.95
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$8.07	\$13.48	\$8.63	\$11.14	\$19.24
51-4121	Welders, Cutters, Solderers, and Brazers	\$9.28	\$14.23	\$10.33	\$13.37	\$17.38
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$6.75*	\$12.03	\$7.12	\$11.68	\$16.17
53-7073	Wellhead Pumpers	\$7.19	\$15.29	\$7.39	\$15.86	\$21.35
13-1022	Wholesale and Retail Buyers, Except Farm Products	\$14.43	\$20.75	\$15.52	\$19.11	\$25.25
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$7.66	\$10.17	\$8.26	\$9.85	\$11.53
43-9022	Word Processors and Typists	\$7.22	\$11.56	\$8.85	\$11.57	\$13.98

SOC Code	Occupational Title	Entry-	Mean	25th	50th	75th
		Level Hourly Wage (1)	Hourly Wage	Percentile Hourly Wage	Percentile (Median) Hourly Wage	Percentile Hourly Wage
27-3043	Writers and Authors	\$17.51	\$32.79	\$23.65	\$26.76	\$35.17
19-1023	Zoologists and Wildlife Biologists	\$23.68	\$30.54	\$25.36	\$29.96	\$34.78

### Data

- (1) The mean of the first third of the wage distribution is provided as a proxy for entry-level wage
  - (2) For some occupations, workers may not work full-time all year-round. For these occupations it is not feasible to calculate an hourly wage.
  - (3) For occupations where a substantial portion of workers earn more than \$70.00 per hour (the top step in the 2001 OES survey), the mean hourly and annual wages cannot be reliably calculated.  
This may occasionally apply to the entry-level wage as well.
  - (4) An estimate of employment could not be provided.
  - (5) The "Mean Relative Standard Error" is a measure of the relative precision of the wage estimate. A low number denotes relatively high validity.
- \* The survey reference date was in the fourth quarter of 2001, when the California minimum wage was \$6.25 per hour. Since these wages were updated to 2002, and the minimum wage changed to \$6.75 per hour on January 1, 2002, wages below \$6.75 were set to \$6.75 per hour.

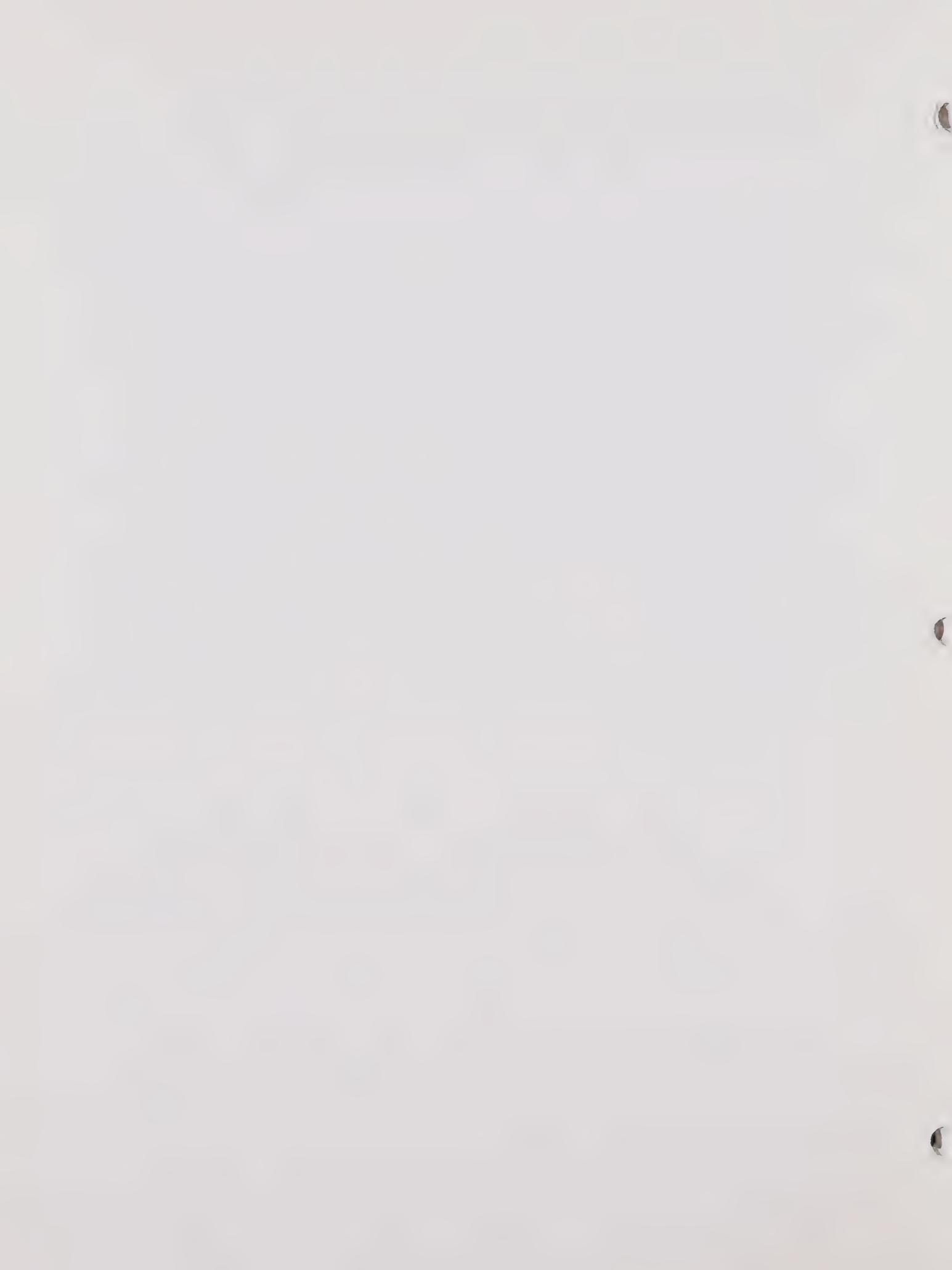
**Source:** Employment Development Department  
Labor Market Information Division  
(916) 262-2162



*Projections  
&  
Planning  
Information*

**Module F:**

**Social &  
Economic Data**



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# Introduction To Social And Economic Data Tables

The data for the Social and Economic Data Tables were developed from a variety of sources to aid local organizations in identifying target group needs and in making appropriate resource allocations for employment and training activities.

Terms expressed in these tables are those commonly used by the U.S. Department of Commerce, the Bureau of the Census and the various state agencies which supplied the data. (The specified source of the data is noted at the bottom of each table.) To aid users of this publication, these terms are defined in the *Explanation of Terms and Concepts* section at the back of this packet.

## Automated Access

Electronic access to current data is available through the Employment Development Department's Internet address at:

**[www.calmis.ca.gov](http://www.calmis.ca.gov)**

For technical assistance or additional information about the Employment Development Department's Labor Market Information Division Internet website, please call (916) 262-2162 or FAX (916) 262-2443 to order other publications.



**TABLE 1**  
**PUBLIC ASSISTANCE RECIPIENTS BY PROGRAM**  
**2000 - 2002**  
**VENTURA COUNTY**

Recipients by Program	July			<b>CALIFORNIA</b> July 2002
	2000	2001	2002	
California Work Opportunity and Responsibility To Kids (CalWORKs) (a) .....	14,966	13,275	11,760	1,331,704
Adults .....	3,589	3,065	2,560	297,063
Children .....	11,377	10,210	9,200	1,034,641
Food Stamps (b) .....	19,833	18,148	19,108	1,529,445
General Relief (c) .....	133	132	106	95,718
Refugee Cash Assistance (d) .....	3	2	0	1,362
Welfare to Work (e) .....	2,825	2,320	2,415	266,670

Source: California Department of Social Services

To access detailed reports for county comparisons, visit the California Department of Social Services Internet address at: <http://www.dss.cahwnet.gov/research>

CalWORKs: see report CA 237; Food Stamps: see report DFA 256;

General Relief: see report GR 237; Welfare to Work: see reports WTW 25 and WTW 25A.

(a) Data include foster care children.

(b) Includes those persons receiving public assistance payments and those not receiving public assistance payments.

(c) General Relief data for July 2001 were not available. Data provided are for March 2001.

(d) Refugee Cash Assistance data are for the third quarter and exclude CalWORKs recipients.

(e) With the passage of the Federal Personal Responsibility and Work Opportunity Act of 1996 and California's subsequent implementation of the California Work Opportunity and Responsibility to Kids Act (CalWORKs), the requirement for recipients of aid to participate in work related activities increased significantly. This number represents the number of CalWORKs recipients who have been enrolled or have been sent a notice to participate in Welfare to Work activities. These individuals may be required to participate or be willing to participate in these activities.

**TABLE 2**  
**PUBLIC ASSISTANCE RECIPIENTS (CalWORKs)**  
**CHARACTERISTICS OF RECIPIENTS 16 YEARS AND OLDER**  
**2000 - 2002**  
**VENTURA COUNTY**

Characteristics	July			CALIFORNIA July 2002
	2000	2001	2002	
Total Recipients 16+ (a) (b) .....	5,180	4,600	4,070	461,210
Male .....	990	880	780	88,310
Female .....	4,190	3,720	3,290	373,040
16-20.....	1,090	970	860	97,300
21-44.....	3,690	3,280	2,900	328,710
45-54.....	320	280	250	28,150
55+ .....	80	70	60	7,200
White (Not Hispanic).....	1,610	1,380	1,460	113,140
Black (Not Hispanic) .....	310	260	250	101,960
Hispanic .....	3,120	2,840	2,130	206,470
Asian & Pacific Islander .....	80	70	140	33,350
American Indian .....	30	30	30	3,290
Filipino .....	30	20	60	3,000

(CalWORKs) California Work Opportunity And Responsibility To Kids

Source: California Department of Social Services; U.S. Department of Commerce,  
Bureau of the Census; Detailed data by sex, age, and race/ethnicity are  
extrapolations based on aggregate figures provided by the Department of  
Social Services.

To access the detailed report for county comparisons, visit the California Department of Social Services  
Internet address at: <http://www.dss.cahwnet.gov/research>  
See report ABCD 350.

(a) Includes children in Two Parent, Zero Parent, All Others and Foster Care cases.

(b) Detail may not add to total due to independent rounding.

**TABLE 3**  
**Occupations With The Greatest Absolute Job Growth (1)**  
**1999 - 2006**  
**VENTURA COUNTY**

CA OES CODE	OCCUPATION	ANNUAL AVERAGES		NUMBER OF NEW JOBS	PERCENT CHANGE	MEAN ANNUAL WAGE	MEDIAN HOURLY WAGE (3)
		1999(2)	2006				
49011	SALESPERSONS, RETAIL	9,780	11,180	1,400	14.3	\$23,937	\$8.89
19005	GENERAL MANAGERS, TOP EXECUTIVES	7,320	8,590	1,270	17.3	(4)	(4)
55347	GENERAL OFFICE CLERKS	8,150	9,170	1,020	12.5	\$25,058	\$11.21
31305	TEACHERS--ELEMENTARY SCHOOL	5,190	6,100	910	17.5	\$53,081	(5)
49023	CASHIERS	6,150	7,060	910	14.8	\$20,484	\$8.19
93956	ASSEMBLERS, FABRICATORS--EX MACH,ELECT	3,120	4,030	910	29.2	\$20,155	\$8.45
31308	TEACHERS--SECONDARY SCHOOL	2,680	3,370	690	25.7	\$53,522	(5)
79041	LABORERS, LANDSCAPING/GROUNDSKEEPERS	3,860	4,500	640	16.6	\$20,644	\$8.78
98902	HAND PACKERS AND PACKAGERS	2,110	2,750	640	30.3	\$17,187	\$7.61
87102	CARPENTERS	1,790	2,400	610	34.1	\$36,940	\$17.50
67005	JANITORS, CLEANERS--EXCEPT MAIDS	3,610	4,170	560	15.5	\$19,981	\$8.37
97105	TRUCK DRIVERS, LIGHT	2,160	2,710	550	25.5	\$24,128	\$10.93
55305	RECEPTIONISTS, INFORMATION CLERKS	2,920	3,430	510	17.5	\$22,961	\$10.62
25104	COMPUTER SUPPORT SPECIALISTS	860	1,330	470	54.7	\$37,483	\$15.13
22127	COMPUTER ENGINEERS	890	1,340	450	50.6	\$74,618	\$34.59
65008	WAITERS AND WAITRESSES	4,000	4,420	420	10.5	\$17,806	\$7.29
25102	SYSTEMS ANALYSTS--ELEC DATA PROC	810	1,210	400	49.4	\$66,518	\$31.16
13017	ENGINEER, MATH, AND NAT SCI MGRS	1,010	1,400	390	38.6	(6)	(6)
58023	STOCK CLERKS--STOCKROOM, WAREHOUSE	2,030	2,420	390	19.2	\$23,612	\$10.24

Source: Employment Development Department, Labor Market Information Division,

Information Services Group and Occupational Employment Statistics Group

(1) Occupational Projections and OES Wages available online at [www.calmis.ca.gov](http://www.calmis.ca.gov)

(2) March 2001 Benchmark

(3) Median Hourly Wage is for the Ventura Metropolitan Statistical Area (MSA).

(4) General Managers, Top Executives - Include the following Occupations:

Chief Executives, SOC Code 11-1011, Mean Annual Wage See (4a) - Median Hourly Wage >\$70.00;

Farm, Ranch and Other Agricultural Managers, SOC Code 11-9011, Mean Annual Wage \$48,691 - Median Hourly Wage \$23.28;

Sales Managers, SOC Code 11-2022, Mean Annual Wage \$91,266 - Median Hourly Wage \$42.89;

Gaming Managers, SOC Code 11-9071, Mean Annual Wage \$79,733 - Median Hourly Wage \$35.15

(4a) For occupations where a substantial portion of workers earn more than \$70.00 per hour (the top step in the 2001 OES survey),

the mean hourly and annual wages cannot be reliably calculated. This may occasionally apply to the entry-level wage as well.

(5) For some occupations, workers may not work full-time all year-round. For these occupations it is not

feasible to calculate an hourly wage.

(6) Engineer, Math, and Natural Science Managers - Include the following Occupations:

Computer and Information System Manager, SOC Code 11-3021, Mean Annual Wage \$90,393 - Median Hourly Wage \$42.68;

Natural Sciences Managers, SOC Code 11-9121, Mean Annual Wage \$64,387 - Median Hourly Wage \$29.54;

Engineering Managers, SOC Code 11-9041, Mean Annual Wage \$97,784 - Median Hourly Wage \$45.07

**TABLE 4**  
**LOWER LIVING STANDARD INCOME LEVEL (LLSIL)**  
**AND POVERTY GUIDELINES**  
**2002**

**Table 1 — San Diego Metropolitan Statistical Area**

<b>San Diego</b>		Family Size					
		One Member	Two Member	Three Member	Four Member	Five Member	Each Additional Member Add
<b>70% LLSIL (a)</b>							
Annual	\$8,450	\$13,850	\$19,010	\$23,460	\$27,690	\$32,380	\$4,690
6 Months	\$4,225	\$6,925	\$9,505	\$11,730	\$13,845	\$16,190	\$2,345
100%	\$12,070	\$19,780	\$27,150	\$33,510	\$39,550	\$46,250	\$6,700
<b>Poverty Guidelines (a)</b>							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

**Table 2 — Los Angeles/Riverside/Orange County Metropolitan Statistical Area**

		Family Size					
		One Member	Two Member	Three Member	Four Member	Five Member	Each Additional Member Add
<b>70% LLSIL (a)</b>							
Annual	\$7,900	\$12,940	\$17,770	\$21,930	\$25,880	\$30,270	\$4,390
6 Months	\$3,950	\$6,470	\$8,885	\$10,965	\$12,940	\$15,135	\$2,195
100%	\$11,280	\$18,490	\$25,380	\$31,330	\$36,970	\$43,240	\$6,270
<b>Poverty Guidelines (a)</b>							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

**TABLE 4**  
**LOWER LIVING STANDARD INCOME LEVEL (LLSIL)**  
**AND POVERTY GUIDELINES**  
**2002**

**Table 3 — San Francisco/Oakland/San Jose Metropolitan Statistical Area**

	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
<b>70% LLSIL (a)</b>							
Annual	\$8,570	\$14,040	\$19,270	\$23,790	\$28,080	\$32,840	\$4,760
6 Months	\$4,285	\$7,020	\$9,635	\$11,895	\$14,040	\$16,420	\$2,380
100%	\$12,240	\$20,060	\$27,540	\$33,990	\$40,110	\$46,910	\$6,800
<b>Poverty Guidelines (a)</b>							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

**Table 4 — Other Metropolitan Areas**

	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
<b>70% LLSIL (a)</b>							
Annual	\$7,820	\$12,810	\$17,580	\$21,700	\$25,610	\$29,950	\$4,340
6 Months	\$3,910	\$6,405	\$8,790	\$10,850	\$12,805	\$14,975	\$2,170
100%	\$11,160	\$18,290	\$25,110	\$30,990	\$36,570	\$42,770	\$6,200
<b>Poverty Guidelines (a)</b>							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

**TABLE 4**  
**LOWER LIVING STANDARD INCOME LEVEL (LLSIL)**  
**AND POVERTY GUIDELINES**  
**2002**

**Table 5 — Nonmetropolitan Areas**

	Family Size						
	One Member	Two Member	Three Member	Four Member	Five Member	Six Member	Each Additional Member Add
<b>70% LLSIL (a)</b>							
Annual	\$7,560	\$12,390	\$17,010	\$20,990	\$24,770	\$28,970	\$4,200
6 Months	\$3,780	\$6,195	\$8,505	\$10,495	\$12,385	\$14,485	\$2,100
100%	\$10,800	\$17,690	\$24,290	\$29,980	\$35,380	\$41,380	\$6,000
<b>Poverty Guidelines (a)</b>							
Annual	\$8,860	\$11,940	\$15,020	\$18,100	\$21,180	\$24,260	\$3,080
6 Months	\$4,430	\$5,970	\$7,510	\$9,050	\$10,590	\$12,130	\$1,540

Source: State of California, Workforce Investment Division, Workforce Investment Act Directive,

Number: WIAD01-18, Dated June 11, 2002.

(a) Tables 1 through 5 show the 70 percent LLSIL and the poverty guidelines for western metropolitan and nonmetropolitan areas, and for three specific Metropolitan Statistical Areas in California. In addition, each LLSIL table includes the 100 percent LLSIL that establishes the Department of Labor's minimum self-sufficiency levels. Each table specifies which areas encompass which Local Workforce Investment Area (LWIA). For a family of one, in all tables, the poverty guidelines exceed the 70 percent LLSIL and, therefore, should be used to establish the low-income status. For all other family sizes, the LLSILs exceed the poverty guidelines. The last column in each table shows the amount to be added to the figure for a family of six for each additional family member.

**TABLE 5**  
**WORKFORCE INVESTMENT ACT**  
**PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS**  
**SELECTED CHARACTERISTICS BY AGE**

LWIA NAME: VENTURA COUNTY  
JURISDICTIONS INCLUDED: VENTURA COUNTY

JANUARY 10, 2003

**CHARACTERISTICS OF VARIOUS POTENTIAL CLIENT GROUPS**

<b>LABOR FORCE STATUS (1)</b>	
EMPLOYED	402,587
UNEMPLOYED	21,923
UNEMPLOYMENT RATE	5.2
NOT IN LABOR FORCE (2)	157,534
<b>2002 VETERAN INFORMATION</b>	
TOTAL VETERANS (3)	55,556
MALE	52,854
FEMALE	2,702
VIETNAM ERA VETERANS - CENSUS 2000 (4)	20,744
DISABLED VETERANS (5)	4,674
OFFENDERS (6)	14,641
% OF PEOPLE IN POVERTY: VENTURA COUNTY, 1998 (7)	10.0

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**1990 CENSUS (8)**

	14 - 15 (10)		16 - 21		22 - 54		55 - 72		Total 16 - 72	
	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%	NUMBER	%
<b>TOTAL ECONOMIC DISADVAN</b>	2,599	100.0	7,225	100.0	24,187	100.0	4,548	100.0	35,960	100.0
<b>BY RACE:</b>										
WHITE NOT HISPANIC	622	23.9	2,542	35.2	9,908	41.0	2,538	55.8	14,988	41.7
BLACK NOT HISPANIC	26	1.0	188	2.6	385	1.6	176	3.9	749	2.1
AMERICAN INDIAN NOT HISP	39	1.5	38	0.5	368	1.5	34	0.8	440	1.2
ASIAN NOT HISPANIC	31	1.2	298	4.1	1,127	4.7	357	7.8	1,782	5.0
PACIFIC ISLAND NOT HISP	0	0	0	0	97	0.4	37	0.8	134	0.4
HISPANIC	1,881	72.4	4,159	57.6	12,302	50.9	1,406	30.9	17,867	49.7
<b>BY SEX:</b>										
MALE	1,084	41.7	3,741	51.8	10,330	42.7	1,776	39.0	15,847	44.1
FEMALE	1,515	58.3	3,484	48.2	13,857	57.3	2,772	61.0	20,113	55.9
<b>HIGH SCHOOL EXPERIENCE:</b>										
DROPOUTS	72	2.8	2,319	32.1	11,256	46.5	2,320	51.0	15,895	44.2
GRADUATES	0	0	255	3.5	6,508	26.9	1,035	22.8	7,798	21.7
STUDENTS	1,016	39.1	2,253	31.2	519	2.1	101	2.2	2,873	8.0
<b>DISABLED</b>	63	2.4	613	8.5	3,528	14.6	1,574	34.6	5,715	15.9
<b>LIMITED ENGLISH PROF</b>	205	7.9	1,631	22.6	6,394	26.4	880	19.3	8,905	24.8

**TABLE 5**  
**WORKFORCE INVESTMENT ACT**  
**PLANNING INFORMATION FOR LOCAL WORKFORCE INVESTMENT AREAS**  
**SELECTED CHARACTERISTICS BY AGE**

Footnotes and data sources:

Source: Employment Development Department, Labor Market Information Division, Current Economic Statistics Group.

Note: Data provided are the most recent available.

- (1) Labor force in this category refers to civilian labor force (16 years and older). This category includes, but is not limited to, the economically disadvantaged. Labor Force data are based on preliminary data (monthly average) for the period 12/2001 through 11/2002. March 2001 Benchmark.
- (2) Not in labor force (16 years and older) are those who are not employed and not actively seeking employment. This category includes, but is not limited to, the economically disadvantaged. Not in labor force data are based on preliminary labor force data (12/01 - 11/02), Department of Finance populations estimates as of 1/02 and working age populations from 1990 census data.
- (3) Department of Veterans Affairs, Office of the Actuary, Estimated Veteran Totals, September 30, 2002, Washington, D.C.
- (4) U.S. Census Bureau, Census 2000, American FactFinder.
- (5) Department of Veterans Affairs, Statistics for Veterans Receiving Compensation and Pension Benefits, February 14, 2002, Washington, D.C.
- (6) 2001 Criminal Justice Profile, California Department of Justice.
- (7) U.S. Census Bureau. County Estimates for People of All Ages in Poverty by County: California 1998 (Estimates model 1998 income reported in the March 1999 Current Population Survey.)
- (8) Based on poverty data from the 1990 census. The 2000 census data will not be available until 2005. The economically disadvantaged population was provided by the Employment and Training Administration from a custom tabulation provided by the United States Bureau of Census.
- (9) Data for each characteristic in this section were derived by an independent estimating process using census summary data and census public use micro sample. Totals may not match other data from the same sources.
- (10) Data are not included in **Total 16 - 72** column.

**Table DP-1. Profile of General Demographic Characteristics: 2000**

Geographic Area: Ventura County, California

[For information on confidentiality protection, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total population.....	753,197	100.0	HISPANIC OR LATINO AND RACE		
SEX AND AGE			Total population.....	753,197	100.0
Male.....	375,988	49.9	Hispanic or Latino (of any race).....	251,734	33.4
Female.....	377,209	50.1	Mexican.....	211,925	28.1
Under 5 years.....	56,231	7.5	Puerto Rican.....	2,286	0.3
5 to 9 years.....	63,350	8.4	Cuban.....	1,043	0.1
10 to 14 years.....	60,126	8.0	Other Hispanic or Latino.....	36,480	4.8
15 to 19 years.....	55,677	7.4	Not Hispanic or Latino.....	501,463	66.6
20 to 24 years.....	46,380	6.2	White alone.....	427,449	56.8
25 to 34 years.....	104,166	13.8	RELATIONSHIP		
35 to 44 years.....	126,980	16.9	Total population.....	753,197	100.0
45 to 54 years.....	102,747	13.6	In households.....	739,985	98.2
55 to 59 years.....	34,854	4.6	Householder.....	243,234	32.3
60 to 64 years.....	25,882	3.4	Spouse.....	144,778	19.2
65 to 74 years.....	40,244	5.3	Child.....	246,465	32.7
75 to 84 years.....	27,271	3.6	Own child under 18 years.....	187,911	24.9
85 years and over.....	9,289	1.2	Other relatives.....	58,900	7.8
Median age (years).....	34.2	(X)	Under 18 years.....	20,506	2.7
18 years and over.....	538,953	71.6	Nonrelatives.....	46,608	6.2
Male.....	266,134	35.3	Unmarried partner.....	12,355	1.6
Female.....	272,819	36.2	In group quarters.....	13,212	1.8
21 years and over.....	507,972	67.4	Institutionalized population.....	4,668	0.6
62 years and over.....	91,529	12.2	Noninstitutionalized population.....	8,544	1.1
65 years and over.....	76,804	10.2	HOUSEHOLD BY TYPE		
Male.....	32,416	4.3	Total households.....	243,234	100.0
Female.....	44,388	5.9	Family households (families).....	182,959	75.2
RACE			With own children under 18 years.....	96,626	39.7
One race.....	723,624	96.1	Married-couple family.....	144,778	59.5
White.....	526,721	69.9	With own children under 18 years.....	75,382	31.0
Black or African American.....	14,664	1.9	Female householder, no husband present.....	26,528	10.9
American Indian and Alaska Native.....	7,106	0.9	With own children under 18 years.....	15,085	6.2
Asian.....	40,284	5.3	Nonfamily households.....	60,275	24.8
Asian Indian.....	4,123	0.5	Householder living alone.....	45,931	18.9
Chinese.....	6,343	0.8	Householder 65 years and over.....	17,993	7.4
Filipino.....	15,548	2.1	Households with individuals under 18 years.....	106,140	43.6
Japanese.....	4,840	0.6	Households with individuals 65 years and over.....	54,516	22.4
Korean.....	3,309	0.4	Average household size.....	3.04	(X)
Vietnamese.....	3,308	0.4	Average family size.....	3.46	(X)
Other Asian <sup>1</sup> .....	2,813	0.4	HOUSING OCCUPANCY		
Native Hawaiian and Other Pacific Islander.....	1,671	0.2	Total housing units.....	251,712	100.0
Native Hawaiian.....	394	0.1	Occupied housing units.....	243,234	96.6
Guamanian or Chamorro.....	327	-	Vacant housing units.....	8,478	3.4
Samoan.....	559	0.1	For seasonal, recreational, or occasional use.....	2,653	1.1
Other Pacific Islander <sup>2</sup> .....	391	0.1	Homeowner vacancy rate (percent).....	0.9	(X)
Some other race.....	133,178	17.7	Rental vacancy rate (percent).....	2.6	(X)
Two or more races.....	29,573	3.9	HOUSING TENURE		
Race alone or in combination with one or more other races: <sup>3</sup>			Occupied housing units.....	243,234	100.0
White.....	552,424	73.3	Owner-occupied housing units.....	164,380	67.6
Black or African American.....	18,240	2.4	Renter-occupied housing units.....	78,854	32.4
American Indian and Alaska Native.....	13,270	1.8	Average household size of owner-occupied units.....	3.03	(X)
Asian.....	48,856	6.5	Average household size of renter-occupied units.....	3.08	(X)
Native Hawaiian and Other Pacific Islander.....	3,502	0.5			
Some other race.....	148,362	19.7			

- Represents zero or rounds to zero. (X) Not applicable.

<sup>1</sup> Other Asian alone, or two or more Asian categories.<sup>2</sup> Other Pacific Islander alone, or two or more Native Hawaiian and Other Pacific Islander categories.<sup>3</sup> In combination with one or more of the other races listed. The six numbers may add to more than the total population and the six percentages may add to more than 100 percent because individuals may report more than one race.

Source: U.S. Census Bureau, Census 2000.

**Table DP-2. Profile of Selected Social Characteristics: 2000**

Geographic area: Ventura County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
<b>SCHOOL ENROLLMENT</b>			<b>NATIVITY AND PLACE OF BIRTH</b>		
Population 3 years and over enrolled in school.....	224,449	100.0	Total population.....	753,197	100.0
Nursery school, preschool.....	13,484	6.0	Native.....	597,284	79.3
Kindergarten.....	12,237	5.5	Born in United States.....	589,064	78.2
Elementary school (grades 1-8).....	100,985	45.0	State of residence.....	397,990	52.8
High school (grades 9-12).....	49,298	22.0	Different state.....	191,074	25.4
College or graduate school.....	48,445	21.6	Born outside United States.....	8,220	1.1
			Foreign born.....	155,913	20.7
			Entered 1990 to March 2000.....	52,462	7.0
			Naturalized citizen.....	61,540	8.2
			Not a citizen.....	94,373	12.5
<b>EDUCATIONAL ATTAINMENT</b>			<b>REGION OF BIRTH OF FOREIGN BORN</b>		
Population 25 years and over.....	471,756	100.0	Total (excluding born at sea).....	155,906	100.0
Less than 9th grade.....	49,085	10.4	Europe.....	13,554	8.7
9th to 12th grade, no diploma.....	44,787	9.5	Asia.....	30,607	19.6
High school graduate (includes equivalency).....	92,936	19.7	Africa.....	1,477	0.9
Some college, no degree.....	120,471	25.5	Oceania.....	970	0.6
Associate degree.....	37,341	7.9	Latin America.....	105,260	67.5
Bachelor's degree.....	82,179	17.4	Northern America.....	4,038	2.6
Graduate or professional degree.....	44,957	9.5			
Percent high school graduate or higher.....	80.1	(X)			
Percent bachelor's degree or higher.....	26.9	(X)			
<b>MARITAL STATUS</b>			<b>LANGUAGE SPOKEN AT HOME</b>		
Population 15 years and over.....	573,689	100.0	Population 5 years and over.....	697,367	100.0
Never married.....	148,440	25.9	English only.....	467,351	67.0
Now married, except separated.....	329,877	57.5	Language other than English.....	230,016	33.0
Separated.....	11,205	2.0	Speak English less than "very well".....	112,466	16.1
Widowed.....	29,511	5.1	Spanish.....	182,412	26.2
Female.....	23,838	4.2	Speak English less than "very well".....	95,504	13.7
Divorced.....	54,656	9.5	Other Indo-European languages.....	18,358	2.6
Female.....	32,525	5.7	Speak English less than "very well".....	4,390	0.6
			Asian and Pacific Island languages.....	25,412	3.6
			Speak English less than "very well".....	11,353	1.6
<b>GRANDPARENTS AS CAREGIVERS</b>			<b>ANCESTRY (single or multiple)</b>		
Grandparent living in household with one or more own grandchildren under 18 years.....	20,371	100.0	Total population.....	753,197	100.0
Grandparent responsible for grandchildren.....	5,654	27.8	Total ancestries reported.....	822,034	109.1
<b>VETERAN STATUS</b>			Arab.....	3,709	0.5
Civilian population 18 years and over .....	535,046	100.0	Czech <sup>1</sup> .....	3,496	0.5
Civilian veterans.....	63,430	11.9	Danish.....	5,382	0.7
<b>DISABILITY STATUS OF THE CIVILIAN NONINSTITUTIONALIZED POPULATION</b>			Dutch.....	11,388	1.5
Population 5 to 20 years.....	187,294	100.0	English.....	74,490	9.9
With a disability.....	13,754	7.3	French (except Basque) <sup>1</sup> .....	20,815	2.8
Population 21 to 64 years.....	427,298	100.0	French Canadian <sup>1</sup> .....	4,576	0.6
With a disability.....	78,730	18.4	German.....	97,766	13.0
Percent employed.....	61.0	(X)	Greek.....	2,916	0.4
No disability .....	348,568	81.6	Hungarian.....	4,545	0.6
Percent employed.....	76.2	(X)	Irish <sup>1</sup> .....	74,890	9.9
Population 65 years and over.....	73,487	100.0	Italian.....	38,485	5.1
With a disability.....	29,164	39.7	Lithuanian.....	1,514	0.2
<b>RESIDENCE IN 1995</b>			Norwegian.....	13,789	1.8
Population 5 years and over .....	697,367	100.0	Polish.....	17,347	2.3
Same house in 1995.....	360,413	51.7	Portuguese.....	2,749	0.4
Different house in the U.S. in 1995 .....	315,048	45.2	Russian.....	12,231	1.6
Same county.....	201,063	28.8	Scotch-Irish.....	11,445	1.5
Different county.....	113,985	16.3	Scottish.....	14,933	2.0
Same state.....	80,064	11.5	Slovak.....	687	0.1
Different state.....	33,921	4.9	Subsaharan African.....	1,688	0.2
Elsewhere in 1995.....	21,906	3.1	Swedish.....	12,925	1.7
			Swiss.....	2,512	0.3
			Ukrainian.....	1,592	0.2
			United States or American.....	30,802	4.1
			Welsh.....	5,791	0.8
			West Indian (excluding Hispanic groups).....	536	0.1
			Other ancestries.....	349,035	46.3

-Represents zero or rounds to zero. (X) Not applicable.

<sup>1</sup>The data represent a combination of two ancestries shown separately in Summary File 3. Czech includes Czechoslovakian. French includes Alsatian. French Canadian includes Acadian/Cajun. Irish includes Celtic.

Source: U.S. Bureau of the Census, Census 2000.

**Table DP-3. Profile of Selected Economic Characteristics: 2000**

Geographic area: Ventura County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
<b>EMPLOYMENT STATUS</b>			<b>INCOME IN 1999</b>		
Population 16 years and over .....	<b>562,080</b>	<b>100.0</b>	Households .....	<b>243,503</b>	<b>100.0</b>
In labor force .....	372,020	66.2	Less than \$10,000 .....	11,934	4.9
Civilian labor force .....	367,453	65.4	\$10,000 to \$14,999 .....	9,383	3.9
Employed .....	348,338	62.0	\$15,000 to \$24,999 .....	20,567	8.4
Unemployed .....	19,115	3.4	\$25,000 to \$34,999 .....	22,967	9.4
Percent of civilian labor force .....	5.2	(X)	\$35,000 to \$49,999 .....	35,036	14.4
Armed Forces .....	4,567	0.8	\$50,000 to \$74,999 .....	51,585	21.2
Not in labor force .....	190,060	33.8	\$75,000 to \$99,999 .....	36,546	15.0
Females 16 years and over .....	<b>284,127</b>	<b>100.0</b>	\$100,000 to \$149,999 .....	34,600	14.2
In labor force .....	165,047	58.1	\$150,000 to \$199,999 .....	11,284	4.6
Civilian labor force .....	164,506	57.9	\$200,000 or more .....	9,601	3.9
Employed .....	156,105	54.9	Median household income (dollars) .....	59,666	(X)
Own children under 6 years .....	<b>63,717</b>	<b>100.0</b>	With earnings .....	207,383	85.2
All parents in family in labor force .....	33,635	52.8	Mean earnings (dollars) <sup>1</sup> .....	73,100	(X)
<b>COMMUTING TO WORK</b>			With Social Security income .....	56,552	23.2
Workers 16 years and over .....	<b>345,658</b>	<b>100.0</b>	Mean Social Security income (dollars) <sup>1</sup> .....	11,451	(X)
Car, truck, or van -- drove alone .....	262,238	75.9	With Supplemental Security Income .....	9,267	3.8
Car, truck, or van -- carpooled .....	52,219	15.1	Mean Supplemental Security Income (dollars) <sup>1</sup> .....	6,826	(X)
Public transportation (including taxicab) .....	3,746	1.1	With public assistance income .....	7,046	2.9
Walked .....	7,169	2.1	Mean public assistance income (dollars) <sup>1</sup> .....	4,234	(X)
Other means .....	5,754	1.7	With retirement income .....	42,534	17.5
Worked at home .....	14,532	4.2	Mean retirement income (dollars) <sup>1</sup> .....	19,577	(X)
Mean travel time to work (minutes) <sup>1</sup> .....	25.4	(X)	<b>Families</b> .....	<b>184,378</b>	<b>100.0</b>
Employed civilian population 16 years and over .....	<b>348,338</b>	<b>100.0</b>	Less than \$10,000 .....	6,086	3.3
<b>OCCUPATION</b>			\$10,000 to \$14,999 .....	4,933	2.7
Management, professional, and related occupations .....	127,157	36.5	\$15,000 to \$24,999 .....	13,262	7.2
Service occupations .....	46,762	13.4	\$25,000 to \$34,999 .....	15,928	8.6
Sales and office occupations .....	95,006	27.3	\$35,000 to \$49,999 .....	25,949	14.1
Farming, fishing, and forestry occupations .....	10,869	3.1	\$50,000 to \$74,999 .....	40,599	22.0
Construction, extraction, and maintenance occupations .....	28,589	8.2	\$75,000 to \$99,999 .....	29,920	16.2
Production, transportation, and material moving occupations .....	39,955	11.5	\$100,000 to \$149,999 .....	29,451	16.0
Information .....	14,639	4.2	\$150,000 to \$199,999 .....	9,803	5.3
Finance, insurance, real estate, and rental and leasing .....	28,328	8.1	\$200,000 or more .....	8,447	4.6
Professional, scientific, management, administrative, and waste management services .....	38,476	11.0	Median family income (dollars) .....	65,285	(X)
Educational, health and social services .....	59,820	17.2	Per capita income (dollars) <sup>1</sup> .....	24,600	(X)
Arts, entertainment, recreation, accommodation and food services .....	23,669	6.8	<b>Median earnings (dollars):</b>		
Other services (except public administration) .....	16,377	4.7	Male full-time, year-round workers .....	45,310	(X)
Public administration .....	18,929	5.4	Female full-time, year-round workers .....	32,216	(X)
<b>INDUSTRY</b>					
Agriculture, forestry, fishing and hunting, and mining .....	14,265	4.1			
Construction .....	21,946	6.3			
Manufacturing .....	48,154	13.8			
Wholesale trade .....	13,811	4.0			
Retail trade .....	38,539	11.1			
Transportation and warehousing, and utilities .....	11,385	3.3			
Information .....	14,639	4.2			
Finance, insurance, real estate, and rental and leasing .....	28,328	8.1			
Professional, scientific, management, administrative, and waste management services .....	38,476	11.0			
Educational, health and social services .....	59,820	17.2			
Arts, entertainment, recreation, accommodation and food services .....	23,669	6.8			
Other services (except public administration) .....	16,377	4.7			
Public administration .....	18,929	5.4			
<b>CLASS OF WORKER</b>					
Private wage and salary workers .....	265,224	76.1			
Government workers .....	50,193	14.4			
Self-employed workers in own not incorporated business .....	31,536	9.1			
Unpaid family workers .....	1,385	0.4			

-Represents zero or rounds to zero. (X) Not applicable.

<sup>1</sup>If the denominator of a mean value or per capita value is less than 30, then that value is calculated using a rounded aggregate in the numerator. See text.

Source: U.S. Bureau of the Census, Census 2000.

**Table DP-4. Profile of Selected Housing Characteristics: 2000**

Geographic area: Ventura County, California

[Data based on a sample. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see text]

Subject	Number	Percent	Subject	Number	Percent
Total housing units.....	251,712	100.0	OCCUPANTS PER ROOM		
UNITS IN STRUCTURE			Occupied housing units .....	243,234	100.0
1-unit, detached.....	160,529	63.8	1.00 or less.....	213,037	87.6
1-unit, attached.....	27,322	10.9	1.01 to 1.50 .....	12,691	5.2
2 units .....	4,720	1.9	1.51 or more.....	17,506	7.2
3 or 4 units .....	11,690	4.6	Specified owner-occupied units.....	142,543	100.0
5 to 9 units .....	10,694	4.2	VALUE		
10 to 19 units .....	8,852	3.5	Less than \$50,000.....	660	0.5
20 or more units .....	15,743	6.3	\$50,000 to \$99,999.....	1,637	1.1
Mobile home .....	11,702	4.6	\$100,000 to \$149,999.....	8,961	6.3
Boat, RV, van, etc.....	460	0.2	\$150,000 to \$199,999.....	28,697	20.1
YEAR STRUCTURE BUILT			\$200,000 to \$299,999.....	55,648	39.0
1999 to March 2000 .....	5,602	2.2	\$300,000 to \$499,999.....	34,986	24.5
1995 to 1998 .....	12,088	4.8	\$500,000 to \$999,999.....	10,505	7.4
1990 to 1994 .....	14,840	5.9	\$1,000,000 or more.....	1,449	1.0
1980 to 1989 .....	49,348	19.6	Median (dollars).....	248,700	(X)
1970 to 1979 .....	67,434	26.8	MORTGAGE STATUS AND SELECTED		
1960 to 1969 .....	58,091	23.1	MONTHLY OWNER COSTS		
1940 to 1959 .....	34,322	13.6	With a mortgage .....	118,565	83.2
1939 or earlier .....	9,987	4.0	Less than \$300 .....	220	0.2
ROOMS			\$300 to \$499 .....	1,935	1.4
1 room .....	5,809	2.3	\$500 to \$699 .....	3,550	2.5
2 rooms .....	16,195	6.4	\$700 to \$999 .....	8,379	5.9
3 rooms .....	26,574	10.6	\$1,000 to \$1,499 .....	31,675	22.2
4 rooms .....	32,632	13.0	\$1,500 to \$1,999 .....	35,551	24.9
5 rooms .....	44,964	17.9	\$2,000 or more .....	37,255	26.1
6 rooms .....	47,344	18.8	Median (dollars).....	1,595	(X)
7 rooms .....	36,709	14.6	Not mortgaged .....	23,978	16.8
8 rooms .....	24,131	9.6	Median (dollars).....	308	(X)
9 or more rooms .....	17,354	6.9	SELECTED MONTHLY OWNER COSTS		
Median (rooms).....	5.5	(X)	AS A PERCENTAGE OF HOUSEHOLD		
Occupied housing units .....	243,234	100.0	INCOME IN 1999		
YEAR HOUSEHOLDER MOVED INTO UNIT			Less than 15.0 percent.....	36,770	25.8
1999 to March 2000 .....	46,463	19.1	15.0 to 19.9 percent .....	21,087	14.8
1995 to 1998 .....	75,974	31.2	20.0 to 24.9 percent .....	21,385	15.0
1990 to 1994 .....	39,918	16.4	25.0 to 29.9 percent .....	16,988	11.9
1980 to 1989 .....	43,112	17.7	30.0 to 34.9 percent .....	12,174	8.5
1970 to 1979 .....	23,918	9.8	35.0 percent or more .....	33,433	23.5
1969 or earlier .....	13,849	5.7	Not computed.....	706	0.5
VEHICLES AVAILABLE			Specified renter-occupied units .....	78,068	100.0
None .....	12,215	5.0	GROSS RENT		
1 .....	68,176	28.0	Less than \$200 .....	1,322	1.7
2 .....	105,212	43.3	\$200 to \$299 .....	1,962	2.5
3 or more .....	57,631	23.7	\$300 to \$499 .....	4,818	6.2
HOUSE HEATING FUEL			\$500 to \$749 .....	16,494	21.1
Utility gas .....	203,827	83.8	\$750 to \$999 .....	21,455	27.5
Bottled, tank, or LP gas .....	3,381	1.4	\$1,000 to \$1,499 .....	21,932	28.1
Electricity .....	31,386	12.9	\$1,500 or more .....	6,550	8.4
Fuel oil, kerosene, etc .....	83	-	No cash rent.....	3,535	4.5
Coal or coke .....	-	-	Median (dollars).....	892	(X)
Wood .....	1,066	0.4	GROSS RENT AS A PERCENTAGE OF		
Solar energy .....	445	0.2	HOUSEHOLD INCOME IN 1999		
Other fuel .....	148	0.1	Less than 15.0 percent .....	10,584	13.6
No fuel used .....	2,898	1.2	15.0 to 19.9 percent .....	10,755	13.8
SELECTED CHARACTERISTICS			20.0 to 24.9 percent .....	11,125	14.3
Lacking complete plumbing facilities .....	1,153	0.5	25.0 to 29.9 percent .....	9,754	12.5
Lacking complete kitchen facilities .....	1,627	0.7	30.0 to 34.9 percent .....	6,732	8.6
No telephone service .....	2,196	0.9	35.0 percent or more .....	24,471	31.3
			Not computed.....	4,647	6.0

-Represents zero or rounds to zero. (X) Not applicable.

Source: U.S. Bureau of the Census, Census 2000.

# Explanation Of Terms And Concepts

**American Indian and Alaska Native:** A person having origins in any of the original peoples of North and South America (including Central America), and who maintain tribal affiliation or community attachment.

**Asian:** A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent.

**Black or African American:** A person having origins in any of the Black racial groups of Africa.

**CalWORKs:** California Work Opportunity and Responsibility to Kids is a state designed public assistance program. Focus is on work and training; those who seek welfare must also seek work. Time and aid limits apply.

**Food Stamp Recipient:** A person receiving food stamp coupons that can be exchanged for groceries.

**General Relief:** A county administered assistance program which includes interim payments to the disabled, and payments to individuals who are ineligible for other assistance programs, such as CalWORKs and Refugee Cash Assistance.

**Hispanic:** Census 2000 adheres to the federal standards for collecting and presenting data on race and Hispanic origin as established by the Office of Management and Budget (OMB) in October 1997. The OMB defines Hispanic or Latino as "a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin regardless of race."

**Native Hawaiian and Other Pacific Islander:** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

**Public Assistance Recipient:** A person receiving cash welfare payments and/or nonmonetary benefits under federal, state, or local welfare programs.

**Refugee Cash Assistance:** A cash assistance and employment services program designed for adults without children who have official status as refugee, and who have been in the United States for less than eight months. Aid is limited to eight months.

**Some Other Race:** Includes all other census responses not included in the "White," "Black or African American," "American Indian and Alaska Native," "Asian," and the "Native Hawaiian and Other Pacific Islander" race categories. Respondents providing write-in entries such as multiracial, mixed, interracial, or a Hispanic/Latino group (for example, Mexican, Puerto Rican, or Cuban) are included in this category.

**Two or More Races:** Refers to a classification of census respondents who chose to provide two or more races.

**Veteran:** A person who has served but is not now serving in the armed forces of the United States.

**Vietnam-Era Veteran:** A person who served between August 5, 1964, and May 7, 1975, but is not now serving in the armed forces of the United States.

**Welfare-To-Work Program:** The Welfare-To-Work Program helps family members acquire the skills needed to get a job. The county will determine if a family must participate in Welfare-To-Work activities as a requirement for CalWORKs. Families may also volunteer to participate.

**White:** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

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